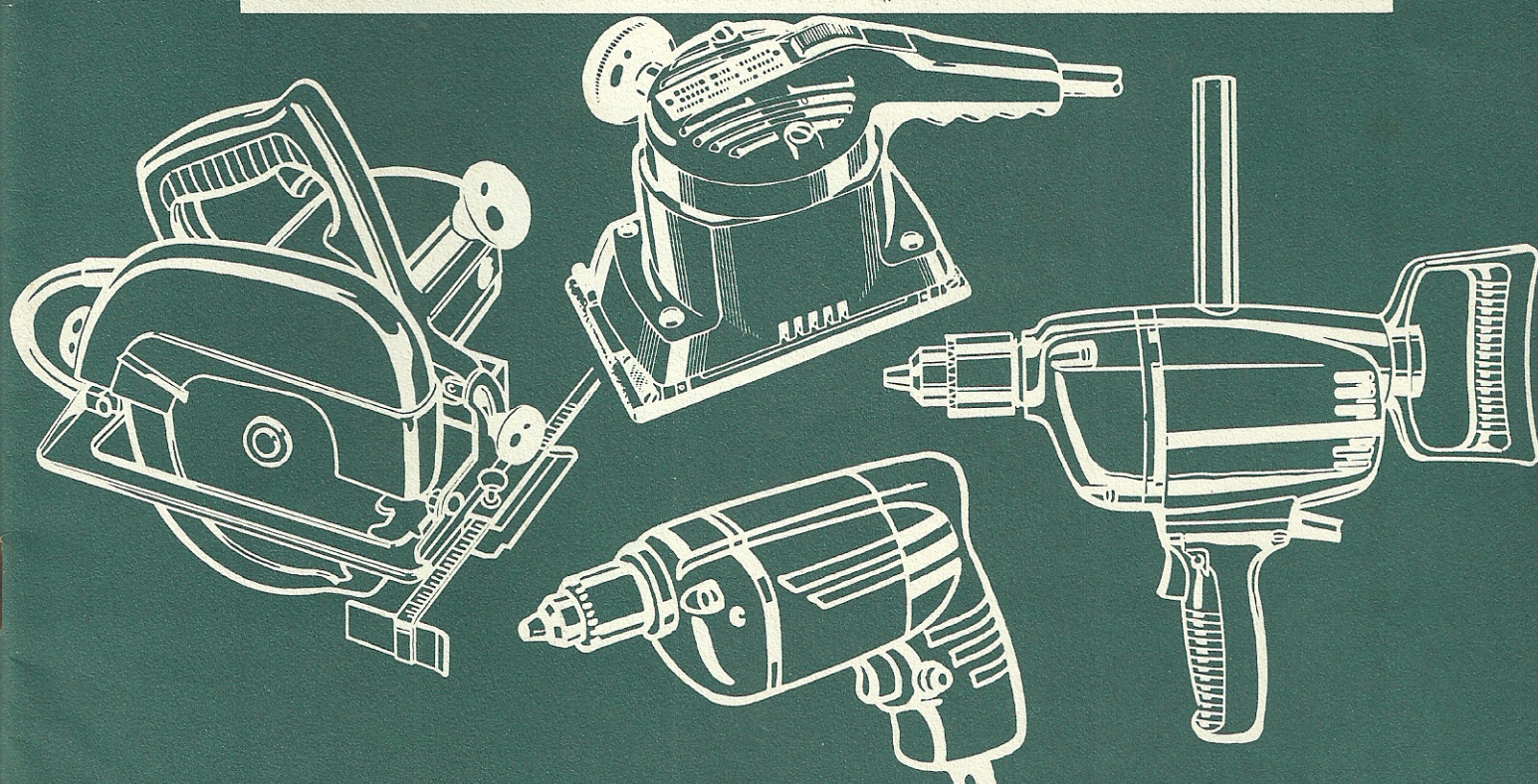
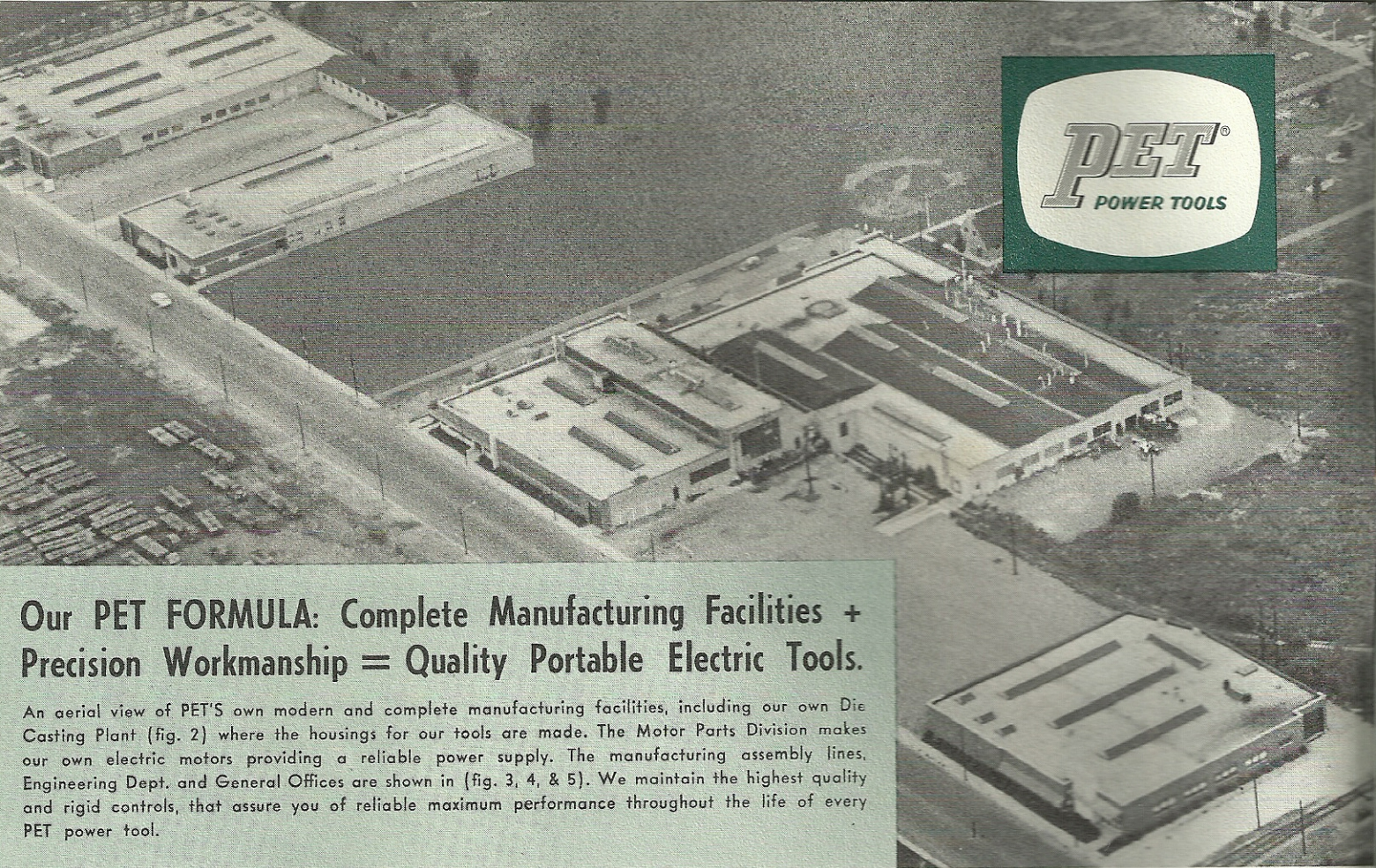


PET[®]

POWER TOOLS

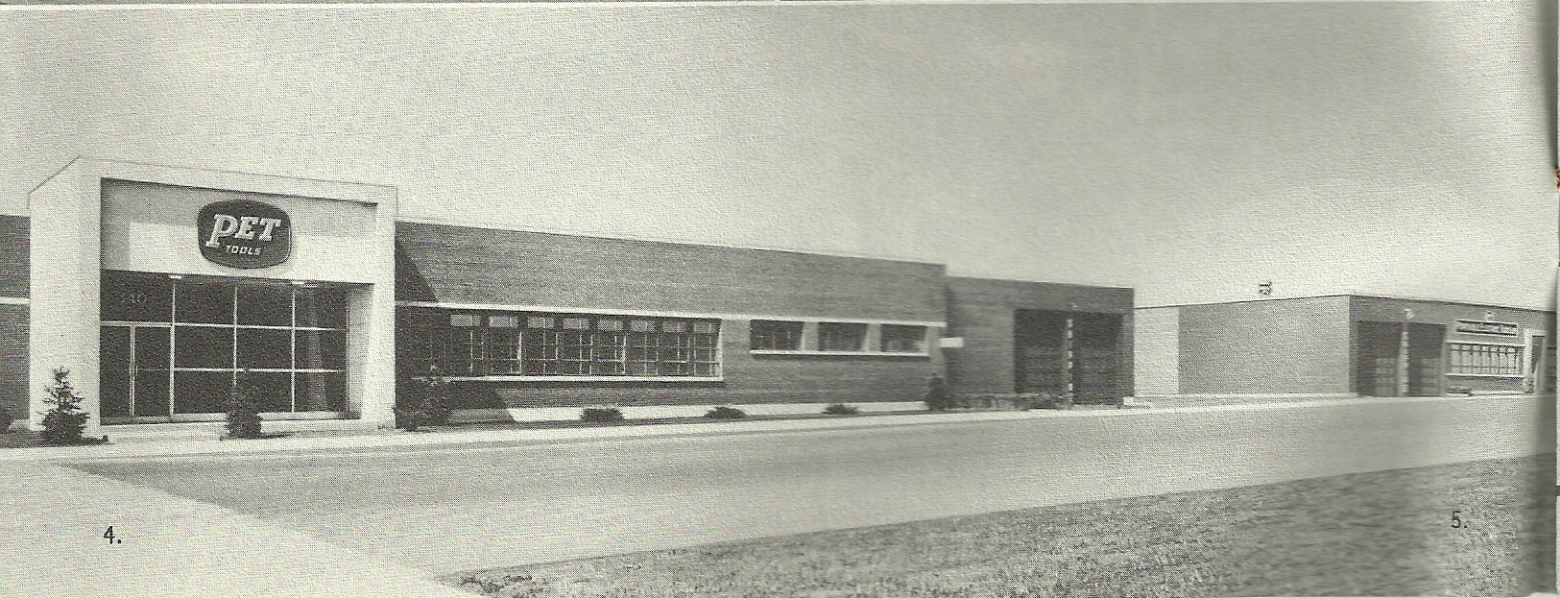


PORTABLE ELECTRIC TOOLS INC., CHICAGO 20, ILL.



Our PET FORMULA: Complete Manufacturing Facilities + Precision Workmanship = Quality Portable Electric Tools.

An aerial view of PET'S own modern and complete manufacturing facilities, including our own Die Casting Plant (fig. 2) where the housings for our tools are made. The Motor Parts Division makes our own electric motors providing a reliable power supply. The manufacturing assembly lines, Engineering Dept. and General Offices are shown in (fig. 3, 4, & 5). We maintain the highest quality and rigid controls, that assure you of reliable maximum performance throughout the life of every PET power tool.



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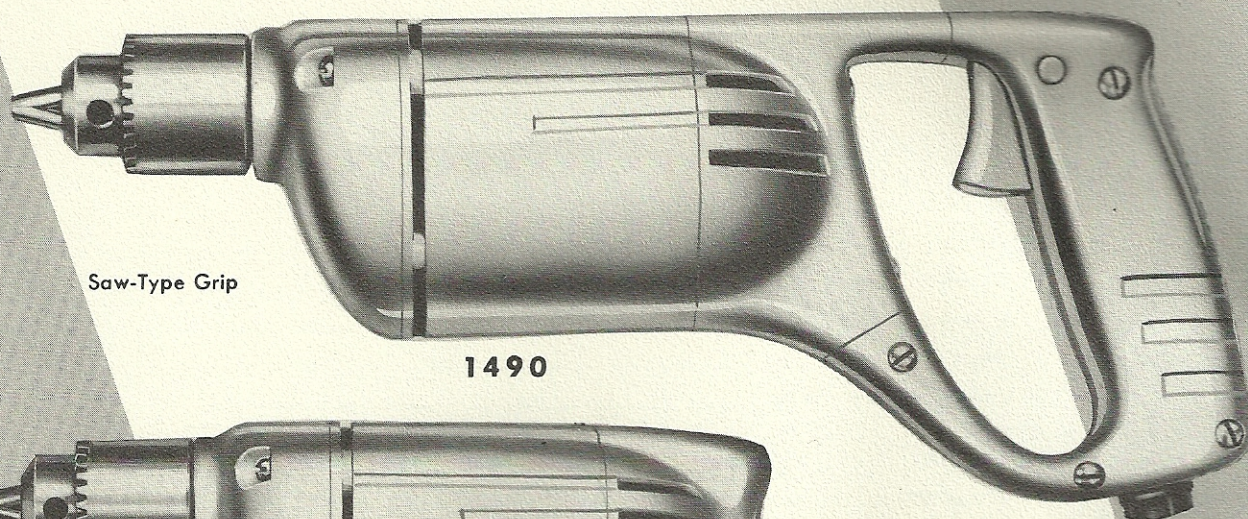
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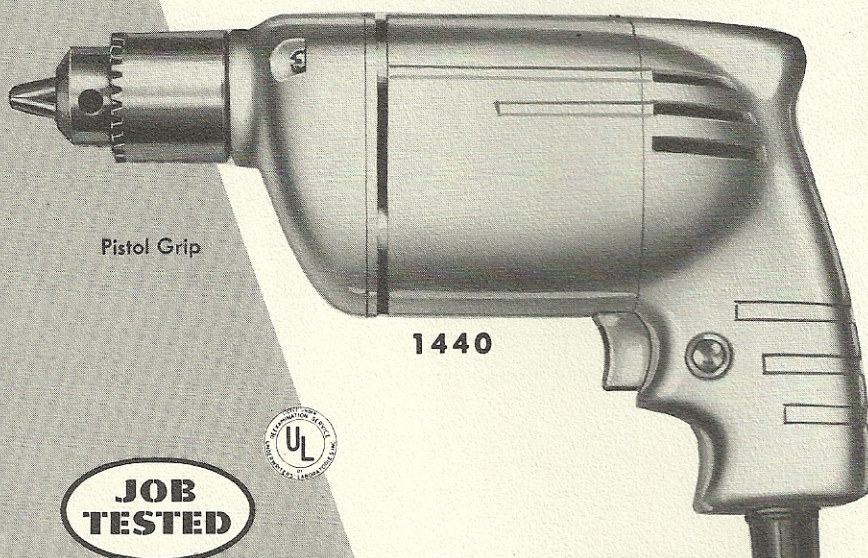
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1/4" ELECTRIC DRILL



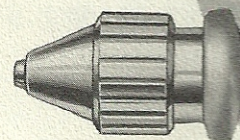
Saw-Type Grip

1490



Pistol Grip

1440



Hand-Type Chuck



T. M.



Models 1440&1490

The new more powerful intermediate duty 1/4-in. capacity electric drills that offer an abundance of power for a wide range of drilling requirements.

Great strength, lightweight, and compactness are attained by the use of aluminum alloy die castings for the body and handle of both style drills. Precision-cut steel gears assure an efficient, quiet flow of power to the chuck. A ball thrust bearing takes the greatest stress of the drilling load, while other bearings are of the oil-retaining bronze type. Electronic dynamic balancing of the armature eliminates vibration to give smooth performance and long life. Excessive heating during long periods of operation is minimized by ample forced ventilation. This plus-value drill is finished in a highly polished mirror finish.

Standard: Precision, 3-jaw, 1/4-inch capacity gear-type chuck with key; 6-foot, top-quality, rubber cord with plug, adapter and molded strain relief. Each drill is equipped with a lock-type, instant release, trigger switch. Each tool is JOB-TESTED as our added guarantee of top quality.

PRINCIPAL SPECIFICATIONS

Capacity: 1/4-inch

Motor: Universal AC-DC, 115 Volts (other voltages available).
Rated at 2.2 Amperes

Bearings: Combination Ball & Bronze

Speed: No-load, 1800 rpm; Full-load, 1200 rpm.

Chuck Line Offset: 3/4-in.

Type of Grip:	Style 1440, Pistol	Style 1490, Saw-type
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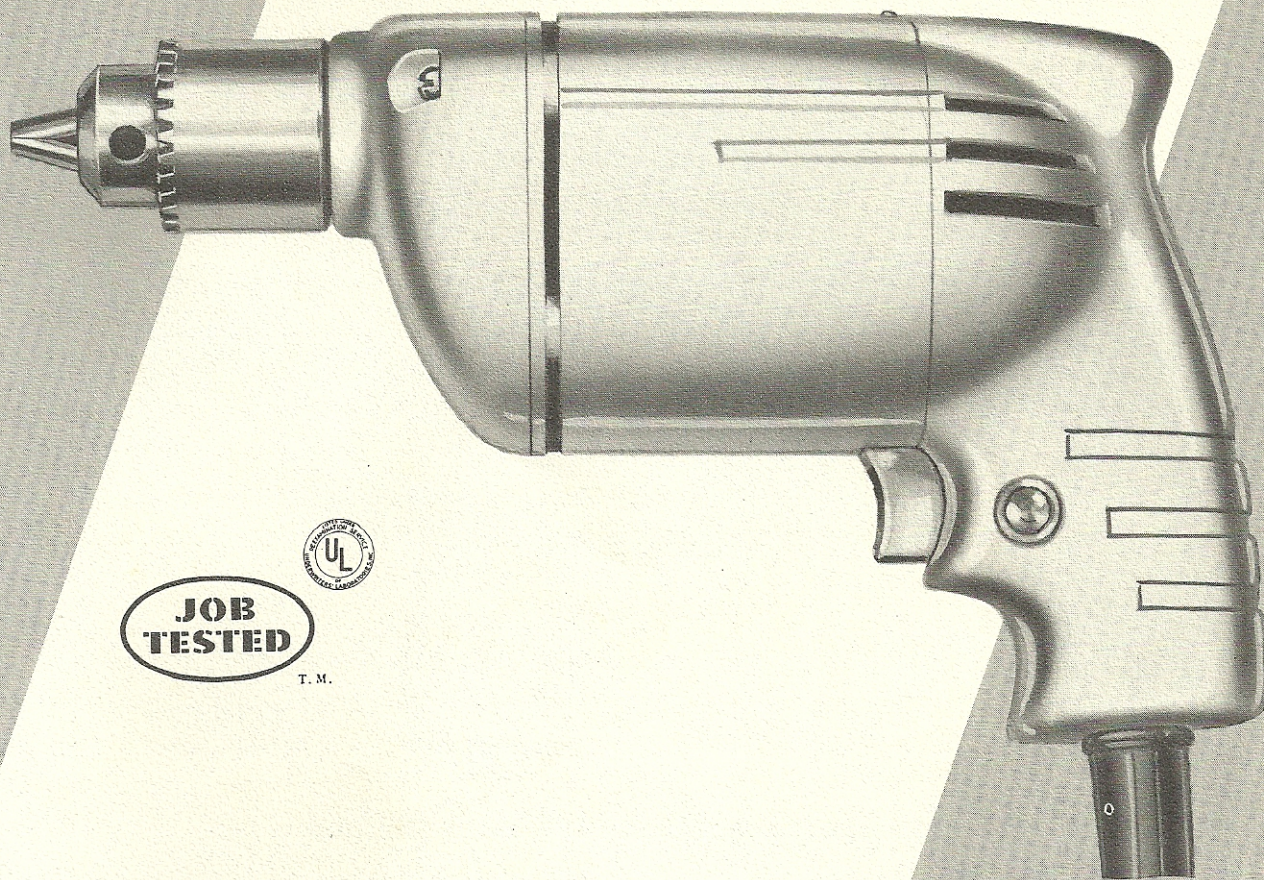
Over-all Length:	Style 1440, 8 1/4-in.	Style 1490, 11-in.
-------------------------	-----------------------	--------------------

Weight, Net:	Style 1440, 3 lbs.	Style 1490, 3.15 lbs.
Shipping:	Style 1440, 3.5 lbs.	Style 1490, 3.65 lbs.

Package: Individually; Master carton, 12 units.



1/4" ELECTRIC DRILL



**JOB
TESTED**
T. M.

Model 1434

The Model 1434, 1/4-in. capacity drill embodies the latest in streamline, functional design made to handle the many diversified requirements of 1/4-in. drills for the industrial market.

Bearings are of a combination ball and bronze, with ball bearings on both ends of the armature shaft and a ball thrust, that insures free rolling and efficient transmission of power to the chuck. Cool running during long operation is made possible by proper forced ventilation. Aluminum alloy die castings, combining strength, lightweight and compactness to give operator greater ease of handling and minimum fatigue during prolonged use. Precision cut gears of heat-treated alloy steel are enclosed in a grease-tight compartment, providing quiet operation and long, trouble-free life. The housing has a highly polished mirror finish.

Standard: Precision, 3-jaw, 1/4-inch capacity gear-type chuck with key; 6-foot, top-quality rubber cord with plug, adapter and molded strain relief. Equipped with a lock-type, instant release, trigger switch. Each tool is JOB-TESTED as our added guarantee of top quality tools.

PRINCIPAL SPECIFICATIONS

Capacity: 1/4-in.

Motor: Universal AC-DC, 115 Volts (other voltages available).
Rated at 2.4 Amperes.

Bearings: Combination 3 Multi-Ball and Bronze.

Speed: No-load, 1800 rpm; Full-load, 1200 rpm.

Chuck Line Offset: 3/4-in.

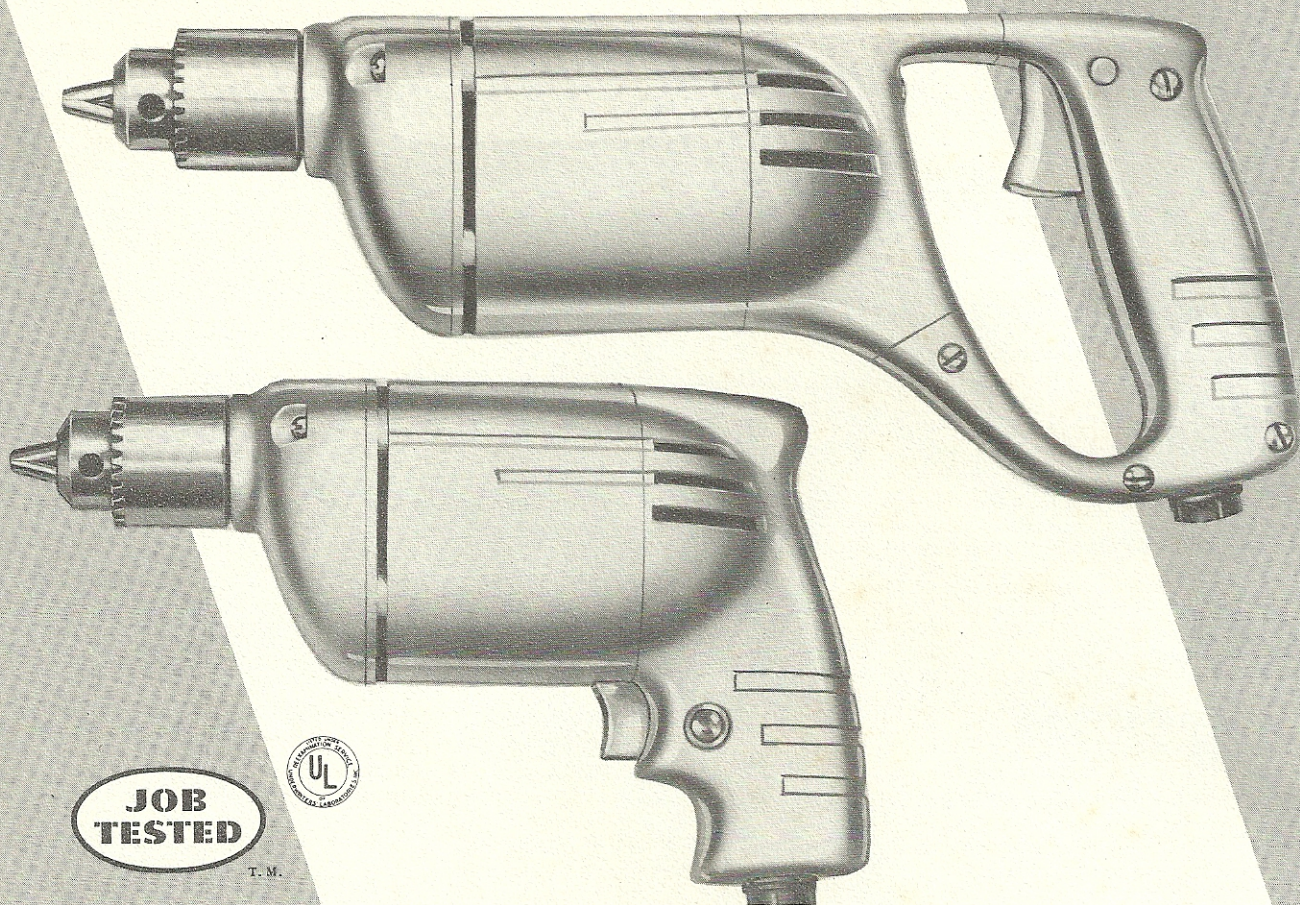
Over-all Length: 8-in.

Weight, Net: 3 lbs.
Shipping: 4.0 lbs.

Package: Individually; Master carton, 12 units.



1/4" ELECTRIC DRILL



**JOB
TESTED**

T. M.



Standard Duty Drills

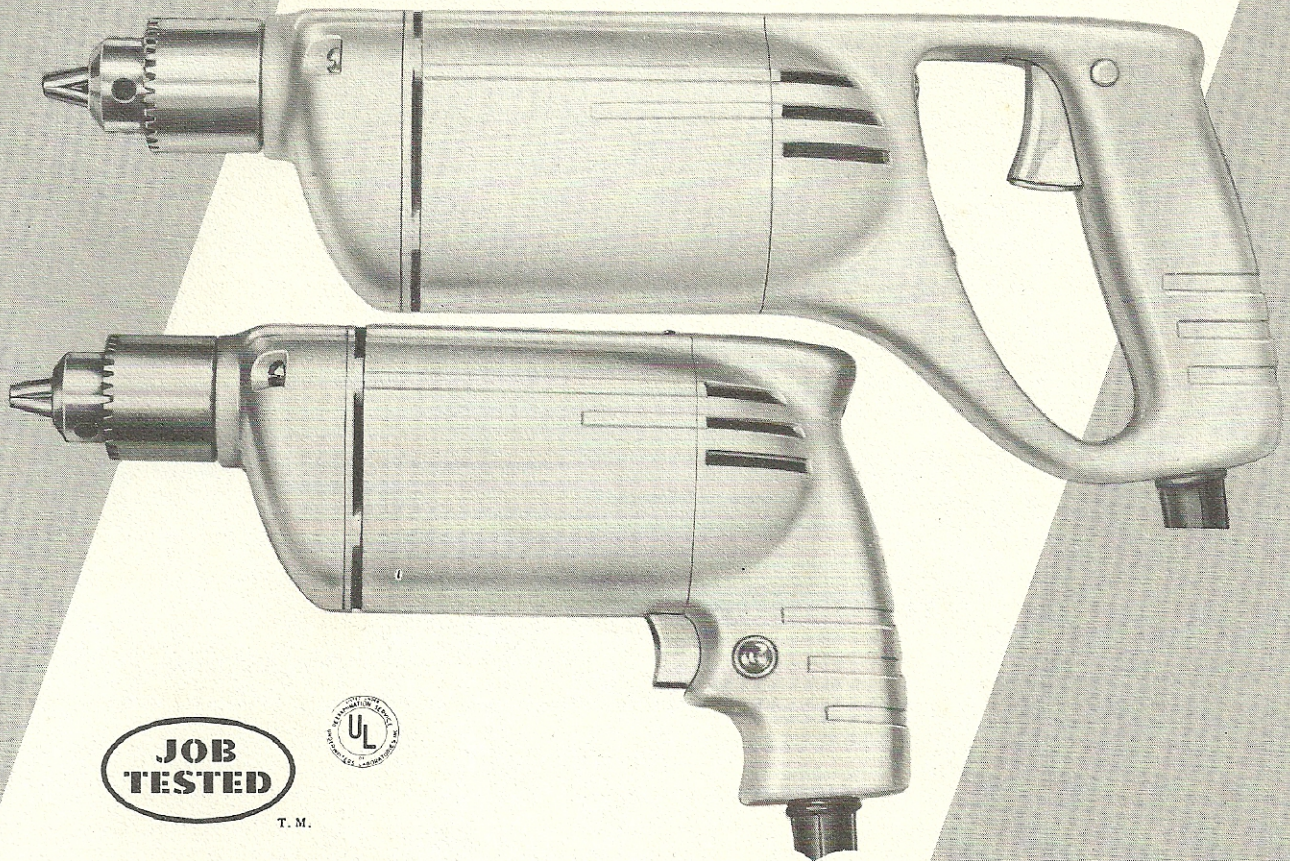
A continuous operational drill which has a wide range of commercial and industrial uses. Excellent for maintenance and all production work where a powerful, lightweight drill is preferred. A combination of 3 ball and 3 needle bearings give silken smooth performance and transmission of power. These Standard Duty models, like the heavier duty models, are available in speeds from 500 to 5000 rpm (no-load). Has Sure-Grip satin finish.

Standard: Universal AC-DC, 115 Volt motor (other voltages available). Precision, 3-jaw, gear-type chuck and key; Double-pole, automatic release-type switch; Rubber covered, oil and gasoline resistant, 10-foot 3-wire conductor cord with rubber strain relief, plug and adapter. Every tool is JOB TESTED.

Package: Individually; Master carton, 12 units.

PRINCIPAL SPECIFICATIONS									
		Special Low Speeds			Standard Speeds		Special High Speeds		
Model No.	Pistol Grip	1401	1402	1403	1404*	1405	1406	1407	1408
	Saw Handle	1451	1452	1453	1454	1455	1456	1457	1458
Capacity of Drill	Steel	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
	Hardwood	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Speed, R.P.M.	No Load	500	750	1000	1800	2500	3500	4000	5000
	Full Load	345	435	700	1200	1600	2100	2500	3000
Over-all Length, Inches	Pistol Grip	8	8	8	8	8	8	8	8
	Saw Handle	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4
Weight, Lbs.	Pistol Grip	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25
	Saw Handle	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50
Ampere Rating		2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4
Government Specifications	*25 foot cord available	WD-661A	WD-661		WD-661 (1454) MIL-D 885A WD-661A (1404)	WD-661	WD-661A		

1/4" ELECTRIC DRILL



Heavy Duty Drills

These Heavy Duty models with approximately 30% more power than the Standard Duty line are recommended for continuous industrial type drilling. A wide choice of motor speeds meets the worker's need for practically any job requirement. Features 3 Ball and 3 Needle bearing construction. Longer shaft gives more powerful field and armature to provide necessary power and torque required of HD drill. Sure-Grip satin finish.

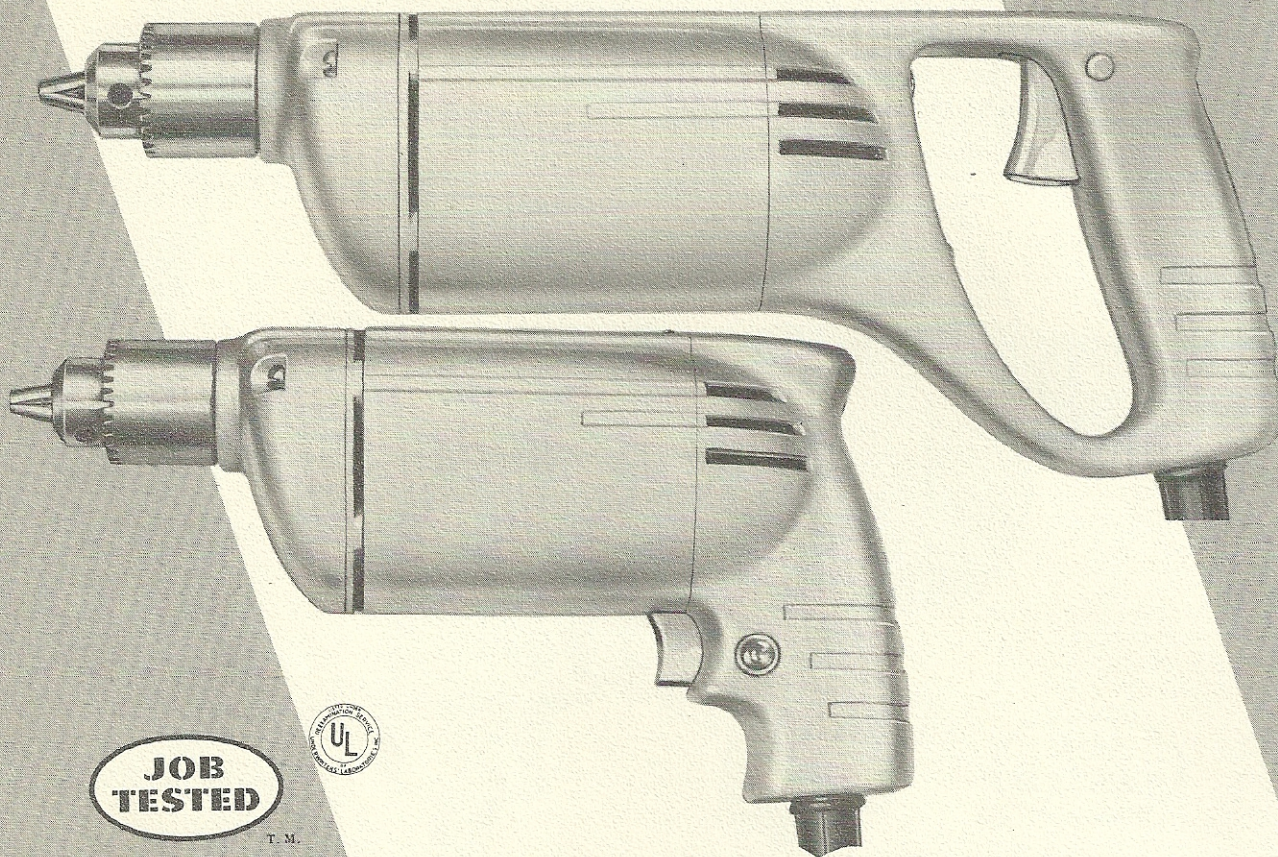
Standard: Universal AC-DC, 115 Volt motor (other voltages available); Precision, 3-jaw, gear-type chuck and key; Double-pole, automatic release-type switch; Rubber covered 10-foot, 3-wire, gasoline and oil resistant cord with molded strain relief, plug and adapter.

Package: Individually; Master shipping carton, 12 units.

PRINCIPAL SPECIFICATIONS

		Special Low Speeds			Standard Speeds		Special High Speeds		
Model No.	Pistol Grip	1409	1410	1411	1412 ²⁵	1413	1414	1415	1416
	Saw Handle	1459	1460	1461	1462 ²⁵	1463	1464	1465	1466
Capacity of Drill	Steel	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
	Hardwood	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Speed, R.P.M.	No Load	500	750	1000	1800	2500	3500	4000	5000
	Full Load	345	435	700	1200	1600	2100	2500	3000
Over-all Length, Inches	Pistol Grip	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
	Saw Handle	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4
Weight, Lbs.	Pistol Grip	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50
	Saw Handle	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75
Ampere Rating		2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7
Government Specifications	*25 foot cord available				WD-661A MIL-D-885A				

1/4" ELECTRIC DRILL



Extra Heavy Duty Drills

Recommended for the severest drilling requirements the XHD 1/4-inch drills have approximately 60% more power than the Standard Duty models. This is the ultimate in 1/4-in. capacity drills for efficient production drilling needs. Offered in a wide choice of speeds to fit the job. Has a Sure-Grip satin finish.

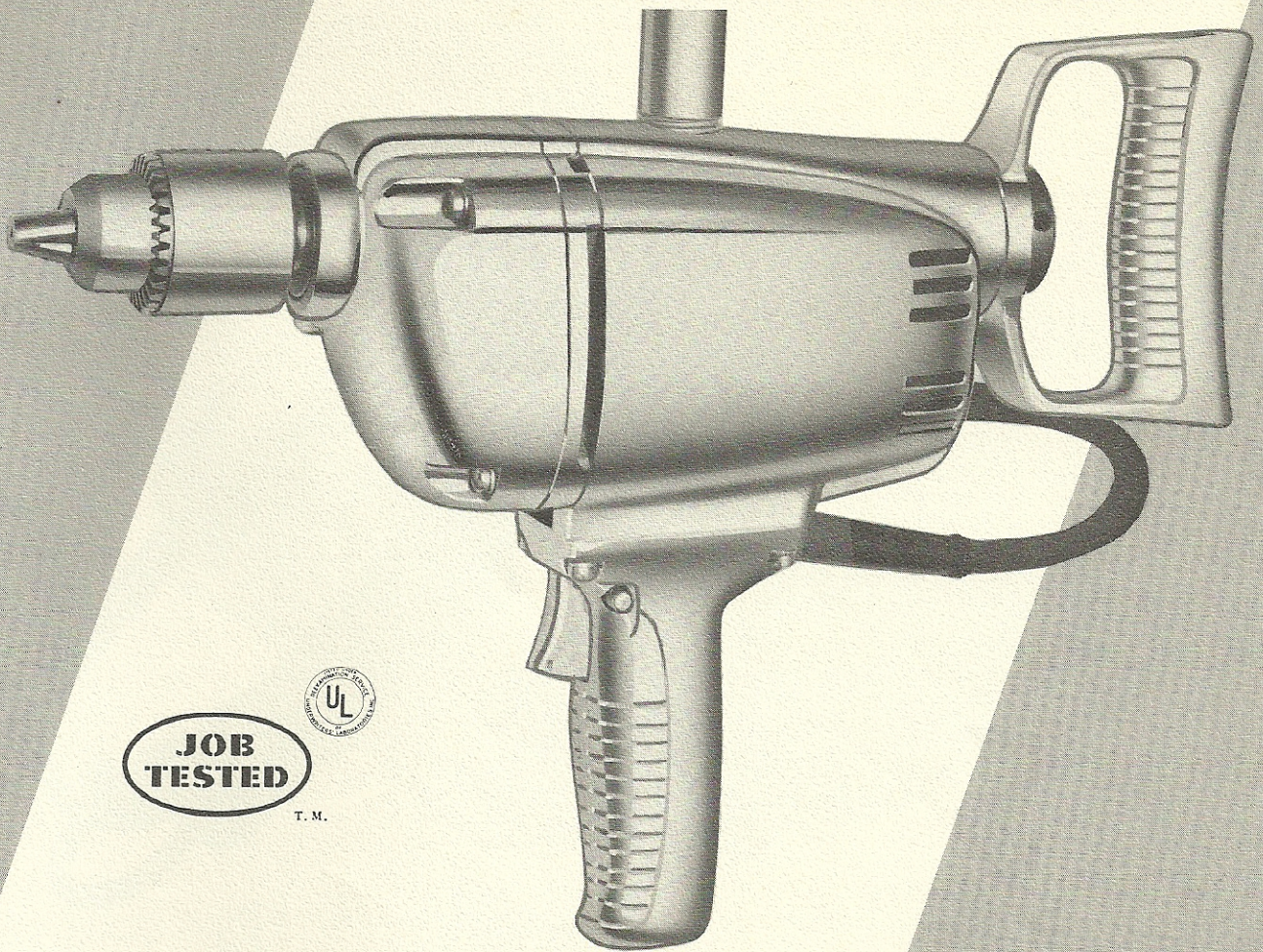
Standard: Universal AC-DC, 115 Volt motor (other voltages available); Precision, 3-jaw, gear-type chuck and key; Double-pole, automatic release-type switch; Rubber covered 10-foot, 3-wire, gasoline and oil resistant cord with molded rubber strain relief, plug and adapter.

Package: Individually; Master shipping carton, 12 units.

PRINCIPAL SPECIFICATIONS

		Special Low Speeds			Standard Speeds		Special High Speeds		
Model No.	Pistol Grip	1417	1418	1419	1420	1421	1422	1423	1424
	Saw Handle	1467	1468	1469	1470*	1471	1472	1473	1474
Capacity of Drill	Steel	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
	Hardwood	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Speed, R.P.M.	No Load	500	750	1000	1800	2500	3500	4000	5000
	Full Load	345	435	700	1200	1600	2100	2500	3000
Over-all Length, Inches	Pistol Grip	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
	Saw Handle	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4
Weight, Lbs.	Pistol Grip	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70
	Saw Handle	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95
Ampere Rating		2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0
Government Specifications	*25 foot cord available				WD-661A (1420) (1470) MIL-D-885A 1470				

1/2" ELECTRIC DRILL



**JOB
TESTED**

T. M.



Models 804 & 825

A choice of Standard to Extra Heavy Duty drills with the ultimate in functional streamlined design for 1/2-inch capacity drills, and featuring a unique Adjustable (or removable) 4-Position rear handle. These drills are of speed and torque requirements for continuous use in industrial service.

The powerful motors made in our own plant are constructed for severe drilling operations. The armatures are electronically balanced on Dynamic Balancers to assure vibration-free performance. Gears are precision cut from stressproof alloy steel that is strain relieved and heat-treated before machining. Adequate forced ventilation provides the coolest running at peak power and helps maintain high power output. Close dimensional tolerances are obtained in our die casting plant for accurate location of motor parts, gears and bearings. The high-tensile aluminum provides a lightweight and durable housing that is highly polished to a mirror finish. A pipe-type auxiliary handle is included for added control.

Standard: Universal AC-DC, 115 Volt Motor (other voltages available); Precision, 3-jaw, 1/2-inch capacity gear-type chuck with key; 10-foot rubber covered, 3-wire, cord with molded rubber strain relief, plug and adapter. Each tool is JOB-TESTED as our added guarantee of top-quality tools.

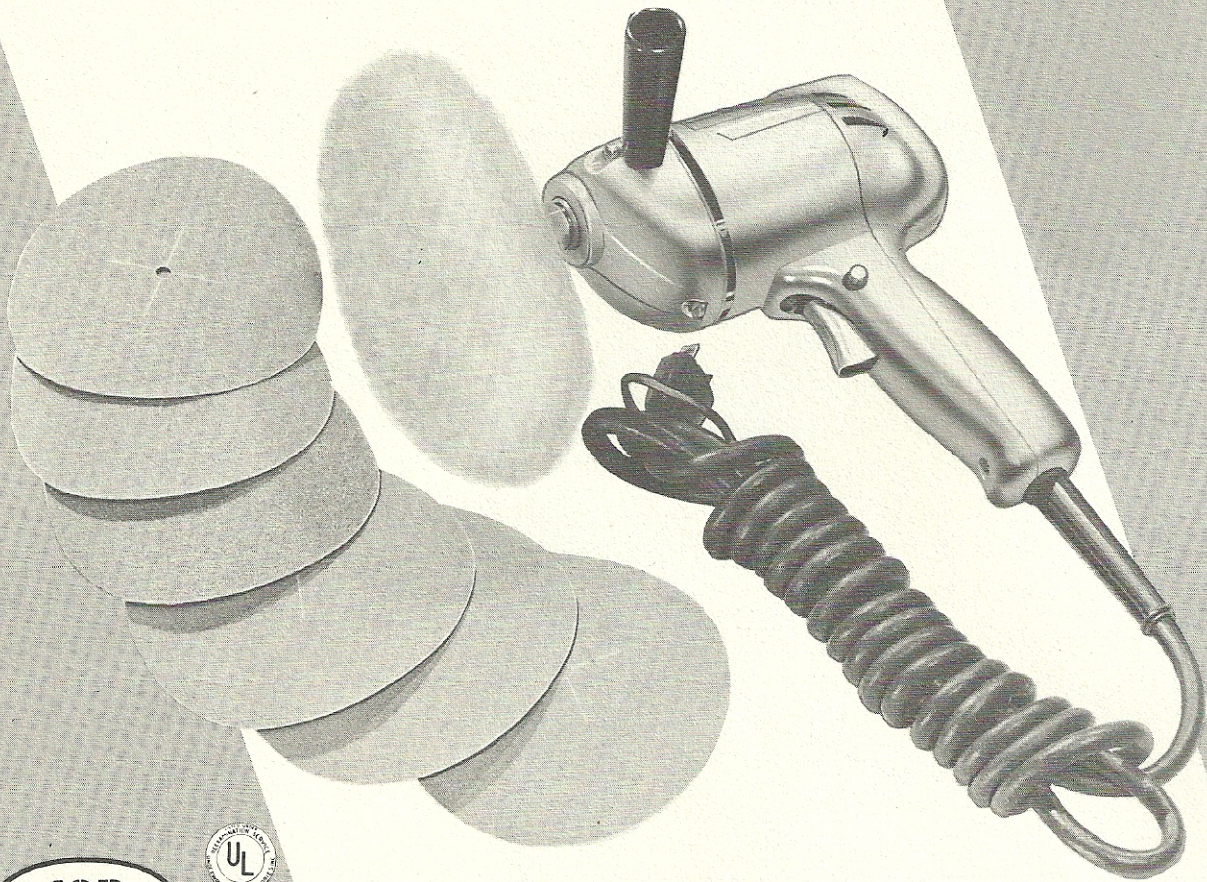
Package: Individually; Master shipping carton, 4 units.

PRINCIPAL SPECIFICATIONS

Class of Service	Standard Duty	Extra Heavy Duty
Capacity of Drill	1/2-inch	1/2-inch
Model No.	804	825
Speed No Load	500	600
R.P.M. Full Load	300	370
Ampere Rating:	4.5	5.0
Type of Bearing	Armature Spindle Thrust Spindle Intermediate Shaft	Ball (2) Ball & Needle Needle (2)
Switches	Single-pole	Double-pole
Over-all Length, Inches	14 3/4"	14 3/4"
Weight, Lbs. Net	10 lbs.	10.5 lbs.
Shipping	14 lbs.	14.5 lbs.
Meeting Government Specification	—	MIL-D-885A



SANDER-POLISHER



T. M.



Model 1540H

This light weight sturdy sander-polisher features aluminum alloy die castings for the body and handle, and a balanced design which permits prolonged use without fatigue. Designed at the proper speed for polishing furniture, cars, floors and the removing of paint and varnish, sanding wood, metal, plaster, cement, stone, etc.—on flat or curved surfaces. Use in any position. Removable auxiliary side handle for either right or left hand operation—makes for easy two hand control.

Top quality construction throughout includes a dynamically balanced armature for smoothest running. Precision-cut steel gears assure an efficient, quiet flow of power to the rubber disc. A ball thrust bearing takes the polishing and sanding load—all others are generous-sized, oil retaining bronze bearings. Baffle directed forced ventilation assures coolest running. The instant-release lock type trigger switch built into the handle provides safety and convenience in operation.

PRINCIPAL SPECIFICATIONS

Motor:

Universal AC-DC, 115 volts (Other voltages available). Rated at 2.2 Amperes.

Speed:

No-load 1800 RPM; Full-load 1200 RPM.

Spindle:

$\frac{3}{8}$ -24 Thread.

Dimensions:

Over-all length, with disc $7\frac{1}{2}$ ".

Standard Equipment:

Comes complete with 5" dia. molded rubber disc, lambs wool polishing bonnet, six assorted sanding discs, removable auxiliary side handle, adapter set.

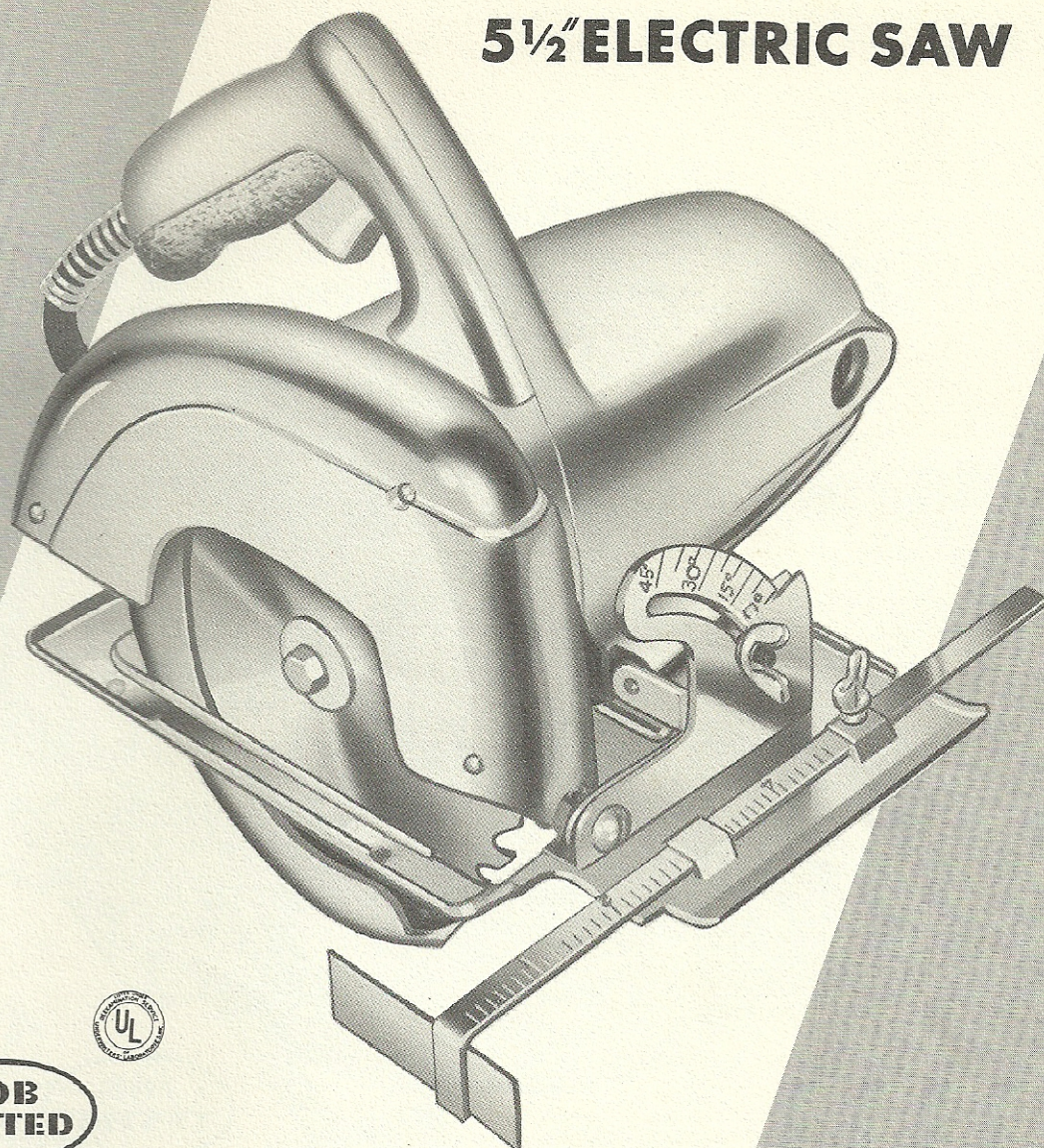
Weight:

1540H Net $3\frac{3}{8}$ lbs., Shipping $4\frac{1}{8}$ lbs.

Package:

1540H Individually packed; Master shipping carton, 6 units.

5½" ELECTRIC SAW



**JOB
TESTED**

T. M.

Model 605M

The new "Pet" 5½" general purpose portable saw with the exclusive TRU-GUIDE. This feature insures perfect alignment of the saw blade with the cutting guides and bevel index. The operator knows exactly where the blade is cutting giving professional precision work. Each saw is "Job Tested" at the plant to further insure trouble free saw life. This saw has been designed to solve the problem of overhead work, cutting panels, trim, sheathing and to cut a 2x4 in a straight cut.

Other features are the easy-to-grasp open end handle for operators ease of handling, and the housing is an attractive mirror finished aluminum alloy die casting that achieves the utmost in rigidity, strength and light weight. This lightweight saw of only 6 lbs. is easily handled in one hand. Embodies a precision dynamically balanced armature; amply air cooled motor; precision cut alloy steel gears and oil retaining bronze bearings. Line of cut is

kept clear by a stream of air from the fan. The rotating telescoping safety guard keeps the saw blade covered except when cutting, with automatic quick return for operators full protection. Equipped with an adjustable rip-guide, graduated from 0" to 61½"; and a 6-foot rubber covered, 3-wire, cord with spring strain relief, adapter and plug.

PRINCIPAL SPECIFICATIONS

Capacity: Depth of cut at 90° 1¾"
Depth of cut at 45° 1½"
Minimum depth of cut ⅝"

Blade: 5½" diameter, ½" Round arbor hole.
Combination Rip and Cross-cut blade.

Motor: Universal AC-DC, 110-120 volts (other voltages available).
Rated at 5.0 amperes.

Speed: No-load 3200 rpm; Full-load 2000 rpm.

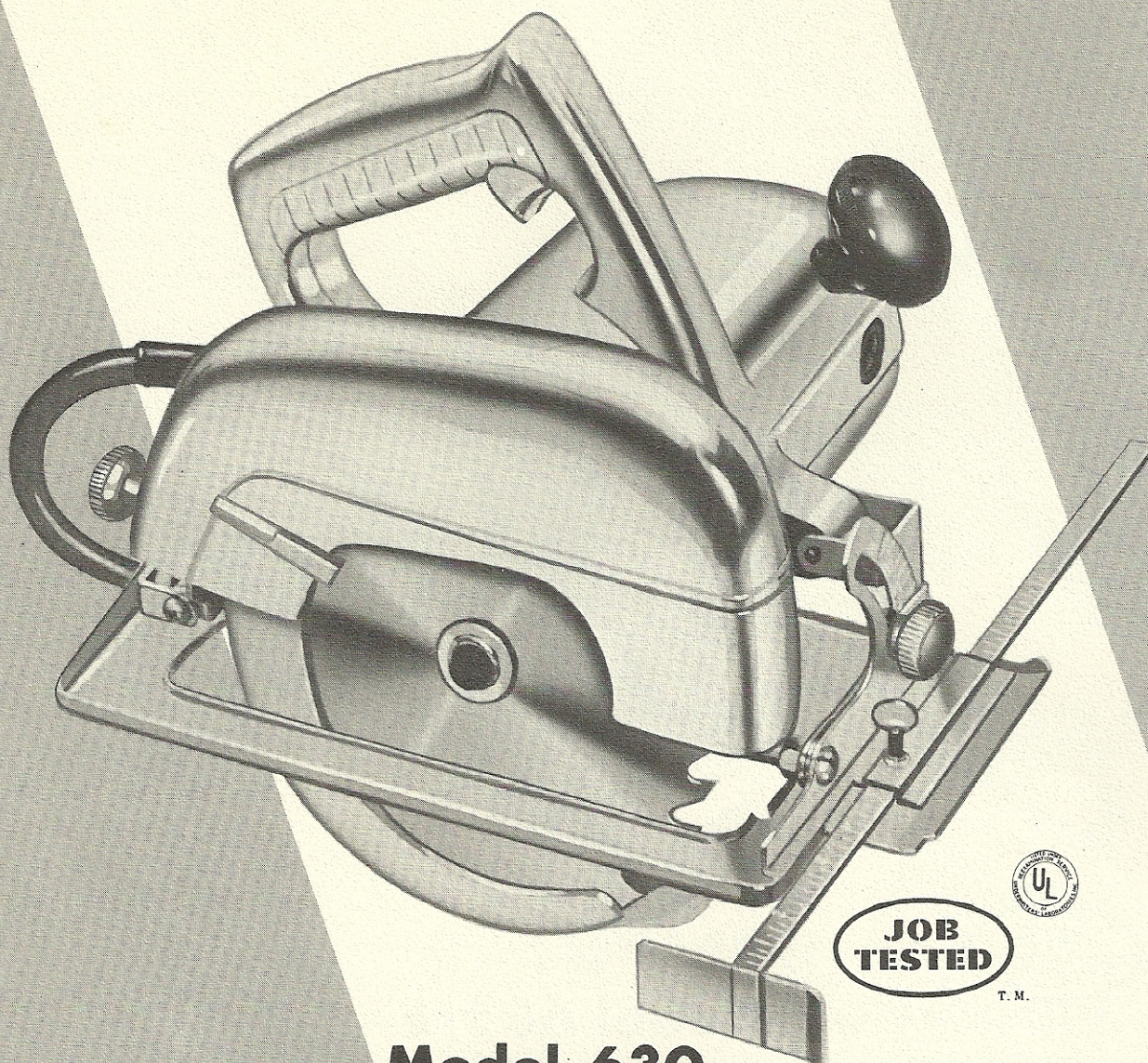
Dimensions: Overall length, 9"; Width, 8⅜"; Height, 6½".

Weight: Net (less cord) 6 lbs., Shipping 8 lbs.

Package: Individually packed. Master shipping, 4 saws.



6½" ELECTRIC SAW



Model 630

A new general purpose saw with combination ball and bronze bearing construction. This saw has the exclusive PET-O-MATIC automatic SAFETY CLUTCH and TRU-GUIDE features. The Safety Clutch is an important safety feature that makes this saw "kickproof" and virtually eliminates motor burn-out due to shock loads and motor overloading. The Tru-Guide feature insures perfect alignment of the saw blade with the cutting guides and bevel index. You know exactly where you are cutting, giving a professional precision job.

The gears are precision cut from stress-proof steel alloy and the armature is electronically balanced to insure smooth, vibration-free, long life performance. A convenient "operating lever" draws back the retractable blade guard for making "pocket cuts" etc. Each saw is equipped with a graduated, adjustable, rip-guide; a knob-type auxiliary handle; large quick setting plastic knob adjustments for depth of cut and bevel adjustments. The housing is of lightweight, durable aluminum alloy die castings of high tensile strength with a beautiful mirror finish.

PRINCIPAL SPECIFICATIONS

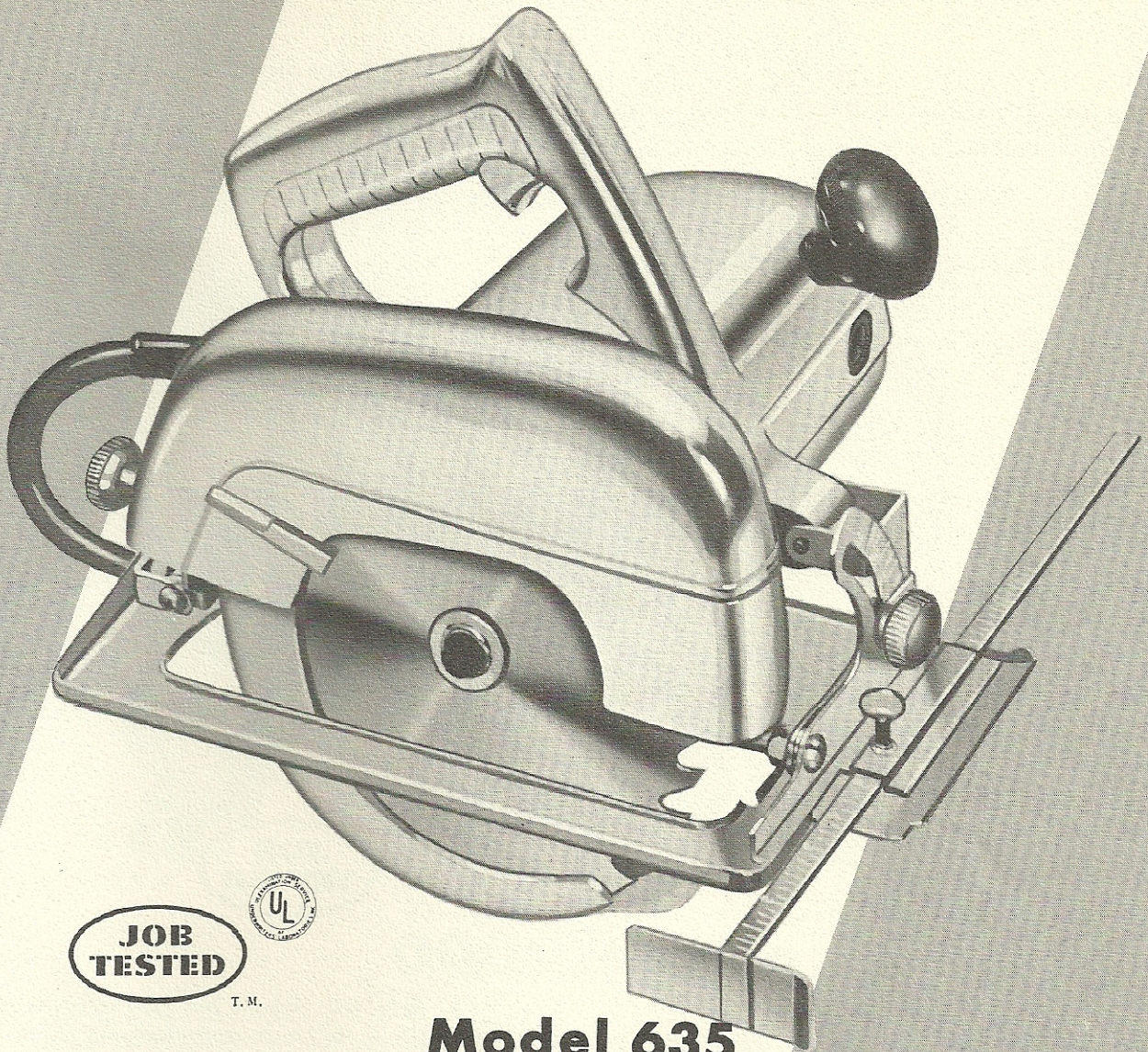
- Capacity:** Depth of cut at 90° 0" - 2¼"
Depth of cut at 45° 0" - 1⅞"
- Blade:** Combination 6½" diameter, ½" Round arbor hole.
- Motor:** Universal AC-DC, 115 Volts (other voltages available).
Rated at 7.25 Amperes.
- Speed:** No-load 4800 rpm.; Full-load 3200 rpm.
- Bearings:** Model 630 . . . Ball & Oil Retaining Bronze.
- Dimensions:** Length 10¾"
Width 9½"
Height 7¼"
- Cord:** U/L approved 10-foot, 3-wire, conductor cord with rubber strain relief, plug and adapter.
- Switch:** Instant release, trigger type.
- Weight:** Net (less cord) . . . 10½ lbs.; Shipping . . . 14½ lbs.
- Package:** Individually packed; Master shipping, 4 saws.



**JOB
TESTED**

T. M.

6½" ELECTRIC SAW



**JOB
TESTED**

T. M.



Model 635

A new general purpose 6½" saw with all ball and needle bearing construction to assure smoothest transmission of power and long work life. Equipped with the exclusive PET-O-MATIC SAFETY CLUTCH and TRU-GUIDE features. The automatic Safety Clutch is an important safety feature that prevents "kickback" and virtually eliminates motor burn-out due to shock loads. The Tru-Guide feature insures perfect alignment of the saw blade with the cutting guides and bevel index. You know exactly where you are cutting, giving professional precision work.

The armature is electronically balanced to insure smooth, vibration-free, long life performance. The gears are precision cut hardened steel spur type gears. The retractable blade guard has a convenient "operating lever" to draw blade guard back for making "pocket cuts" etc. Each saw is equipped with a graduated, adjustable, rip-guide; a knob-type auxiliary handle; large quick setting plastic knob adjustment for depth of cut and bevel adjustments. The housing is of light weight, durable aluminum alloy die castings of high tensile strength with a beautiful mirror finish.



PRINCIPAL SPECIFICATIONS

Capacity: Depth of cut at 90° 0" - 2¼"
Depth of cut at 45° 0" - 1⅞"

Blade: Combination 6½" diameter, ½" Round arbor hole.

Motor: Universal AC-DC, 115 volts (Other voltages available).

Speed: Rated at 7.5 Amperes.
No-load 5000 rpm.; Full-load 3200 rpm.

Bearings: Model 635 . . . Three Ball and One Needle.

Dimensions: Length 10¾"
Width 9½"
Height 7¼"

Cord: U/L approved 10-foot, 3-wire, conductor cord with rubber strain relief, plug and adapter.

Switch: Instant release, trigger type.

Weight: Net (less cord) . . 10½ lbs.; Shipping . . . 14½ lbs.

Package: Individually packed; Master Shipping, 4 saws.

RECIPROCATING JIG SAW



Model 2000

This compact, sturdy unit combines the versatility of a reciprocal action saw with the convenience of lightweight portability. An easily accessible slide-type thumb switch and comfortable pistol grip handle, integrally die cast with the aluminum alloy housing, provides a secure grip for single handed control and greater accuracy. No need to grasp a hot bulky motor housing.

An efficient, rapid cutting stroke, as generated by the powerful universal motor through hardened steel gears, and shock absorbing, self oiling bearings will provide years of smooth, "chatterless" cutting performance.

A unique blade design permits the saw to make its own starting hole on inside cuts, then continue cutting while a built-in blower removes sawdust from the guide line. Various types of blades are included which permit the saw to cut intricate shapes as well as straight cuts in wood, metals, plastics, composition board, hard rubber, etc. Blades can be changed quickly and easily.

Each saw comes equipped with 2 No. JB-1 coarse tooth wood cutting blades, 1 No. JB-2 fine tooth wood cutting

blade, 1 No. JB-3 knife blade, 1 No. JB-4 metal cutting blade, and a 5½ ft. rubber covered, three wire (ground wire) lead cord with molded plug and anti-kink, spring strain-relief.

PRINCIPAL SPECIFICATIONS

Capacity: Depth of cut (wood)—1⅞".

Extra Long Blade: (JB-5)—2".

Motor: Universal AC-DC, 115 Volts up to 60 cycles.

Speed: No-load strokes per minute—1800.

Length of Stroke: ⅝"

Dimensions: Overall length—8⅝".

Overall Height (including blade)—9½".

Weight: Net (including cord)—5¼ lbs.

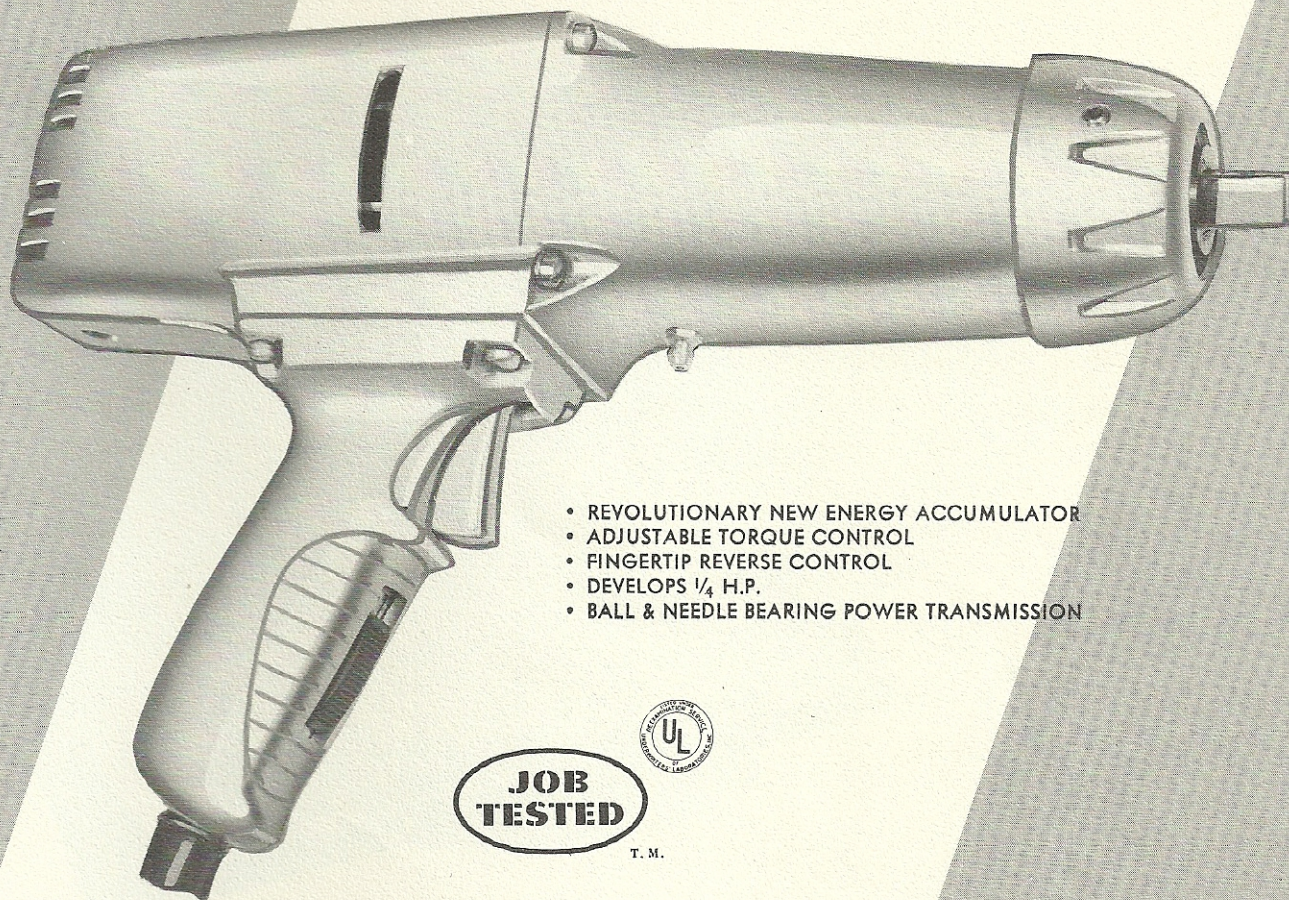
Shipping: (single)—6 lbs. Master shipping carton, 6 units.

BROAD FACTORY WARRANTY.

UNDERWRITERS' LABORATORIES LISTED.

Extra Saw Blades: (available in packages): JBS-1 Pkg., 6 ea. JB-1 Coarse tooth wood cutting blades. JBS-2 Pkg., 6 ea. JB-2 Fine tooth wood cutting blades. JBS-3 Pkg., 3 ea. JB-3 knife blades. JBS-4 Pkg., 3 ea. JB-4 Metal cutting blades. JBS-5 Coarse tooth wood cutting blades extra long for full 2" lumber.

IMPACT WRENCH



- REVOLUTIONARY NEW ENERGY ACCUMULATOR
- ADJUSTABLE TORQUE CONTROL
- FINGERTIP REVERSE CONTROL
- DEVELOPS 1/4 H.P.
- BALL & NEEDLE BEARING POWER TRANSMISSION



T. M.



Model 7000

The new Adjustable Torque, fingertip control, 1/2-in. square drive Impact Wrench has a revolutionary method of storing energy giving 1600 to 1800 impacts per minute. Using a specially designed neoprene rubber accumulator to impart the striking force eliminates the use of cams, springs, etc. and gives long service life. The unique design of this accumulator takes the shock of the impacts usually transmitted throughout the tool and to the operator.

An entire workshop in one unit that is made for setting and removing nuts, screws, studs or to drill, tap or ream. Ideally suited for automotive, industrial, farm use, and railroad maintenance. Reversible for removing and extracting operations.

The Adjustable Torque Control has a range setting, and adjusts the amount of engagement between the hammer and anvil to increase or decrease the amount of torque required for the job. A fingertip reverse control switch is directly under the Off-On control switch giving more convenient handling and eliminates the need of changing your grip while operating.

There are three ball and two needle bearings to give efficient, smooth transmittal of power throughout its operation. The nose bearing is of special bronze alloy metal and is de-

signed to take shock loads. A one-piece mirror finished housing is of high tensile aluminum alloy to give the greatest strength and lightest weight. Amply cooled by motor fan while louvers at the back of housing give free circulation of air.

PRINCIPAL SPECIFICATIONS

Capacity: 1/2" bolts; 3/4" Standard capacity (bolt size capacity nut setting).

Motor: Universal AC-DC, 115 volts

Power: Develops 1/4 H.P., Rated at 3.0 Amperes

Bearings: 3 Multi-Ball; 2 Needle and Bronze Alloy

Speed: Free forward or reverse, 1400 RPM

Torque Range: High: 175 to 275 torque, IPM 1600
Medium: 145 to 250 torque, IPM 1700
Low: 105 to 210 torque, IPM 1800

Offset: 1 5/8"

Dimensions: 12 7/8" Overall length; 8" high.

Cord: 10-foot, 3-wire, conductor cord with molded rubber strain relief, plug and adapter (grease & oil resistant).

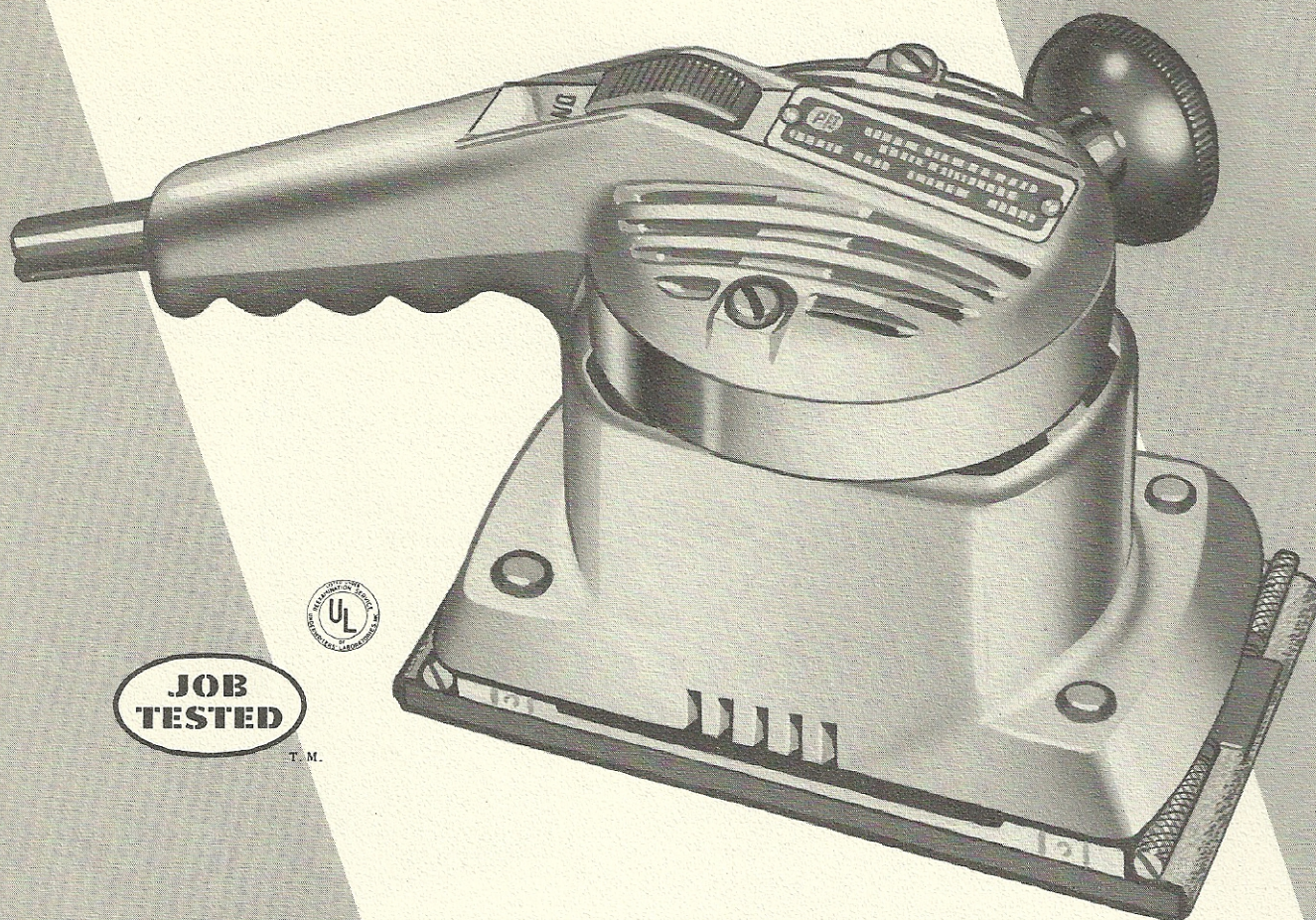
Switch: Momentary contact, 2 pole, trigger switch with reversing switch.

Weight: 7 lbs. Net; 9 lbs. Shipping.

Package: Individually packed.



OSCILLATING SANDER



**JOB
TESTED**

T. M.

Model 200

The PET No. 200 Oscillating Sander has been designed for coarse, medium, and fine sanding. It will work equally well for finishing, polishing and rubbing operations on metal, plastics, composition materials, etc. It incorporates several features which make it a labor and time saving device for wood-workers and wood-working industries. The oscillating motion employed will produce a satin smooth finish, free from score marks, scratches, etc.

The PET No. 200 Oscillating Sander features an indented finger grip handle and an adjustable auxiliary hand handle, which provides a secure means for handling the sander in awkward positions. By placing the auxiliary handle in either extreme right or left-hand position, an unobstructed view of the front of the pad is obtained for "feather-edging" and corner sanding. The housing has been designed to act as a guard which will eliminate side wall marking.

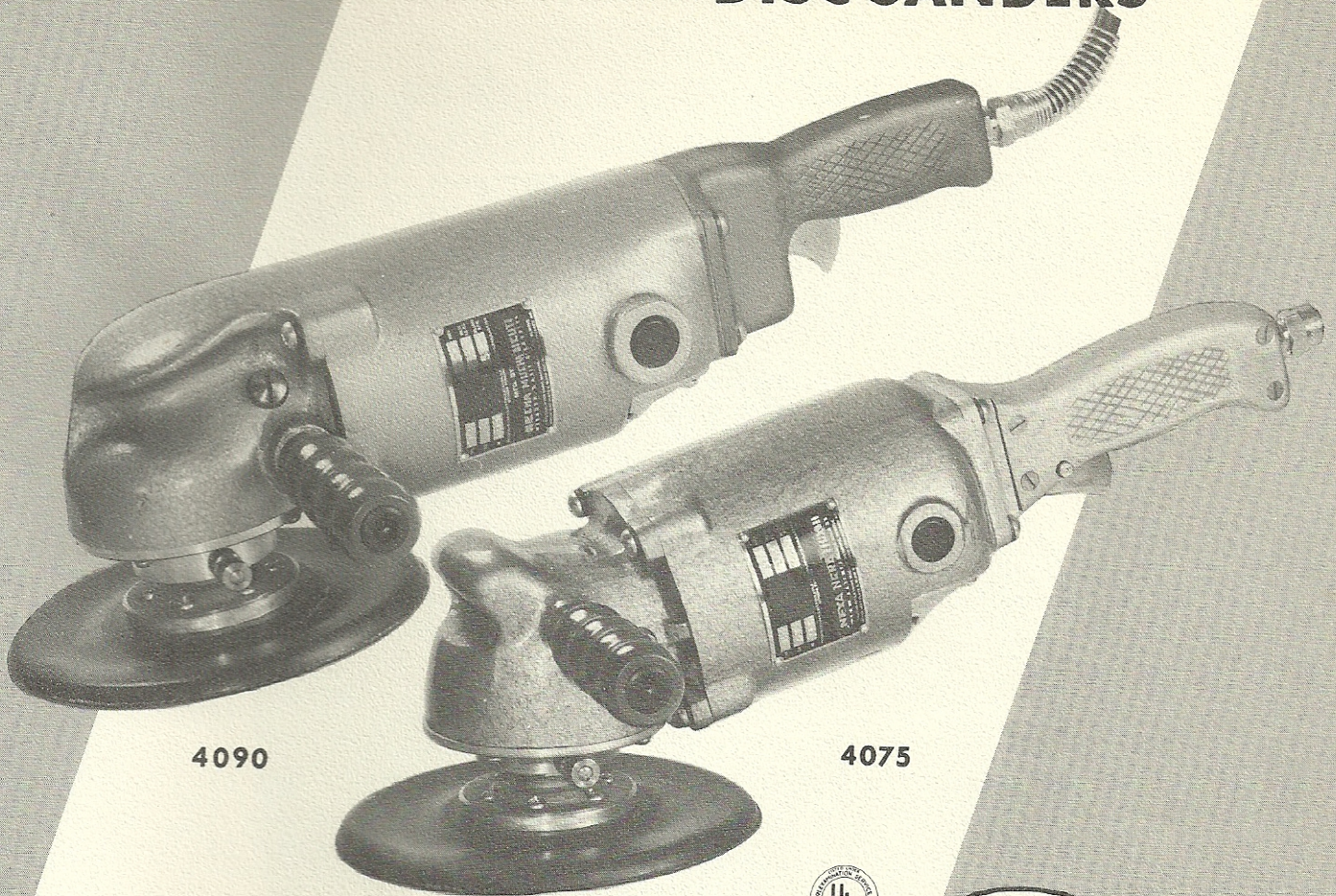
The light-weight aluminum die cast housings incorporate a dual set of air intakes to promote long motor life. The Model No. 200 Oscillating Sander is powered by a powerful shaded pole motor, and comes equipped with three grease sealed ball bearings. The sanding pad is coupled to the motor by a direct drive—no gears or belts to wear out or become damaged by abrasive particles.

Abrasive paper is attached to the sanding pad by a positive locking knurled roller mechanism, providing a rapid means for attaching the abrasive paper. Each No. 200 Oscillating Sander Kit includes 9 sheets of abrasive paper 9 x 3 5/8", three 60 grit, three 100 grit, three 150 grit; one lamb's wool polishing bonnet 9 x 3 5/8", and instruction sheet.

PRINCIPAL SPECIFICATIONS

Sanding Surface	7 1/4" x 3 5/8"
Sandpaper Size	1/3 of Standard 9" x 11" Sheet
Oscillations Per Min.	3450 orbits per minute
Diameter of Orbit	1 3/8"
Pad	1/4" sponge rubber, oil and grease resistant
Motor	Powerful shaded pole 115 Volt, 60 cycle A.C. only—No commutator or brushes.
Bearings	3 precision grease sealed ball bearings
Switch	Heavy duty slide type—can be locked on
Overall Length	10"
Overall Width	4"
Overall Height	5 1/2"
Cable	10' oil resistant 3 conductor with plug
Weight	Net 7.5 lbs.
Shipping Weight	Net 9.5 lbs.
Package: Individually packed: Master shipping carton, 6 units.	

DISC SANDERS



4090

4075



4075 7" Heavy Duty 3/4 H.P. 4090 9" Heavy Duty 1 1/2 H.P.

MODEL 4075 A heavy duty multi-purpose sander especially well suited for automotive body and fender repair shops, metal fabricators, etc. Suitable for use with the new flexible edge grinding discs. Equipped with hardened, heat treated steel bevel gears, running in grease. ALL MAGNESIUM housings give it more power per pound.

STANDARD EQUIPMENT: 4075 — 7 inch Patented, Heavy Duty Backing Pad; 10 foot 3 conductor Cable with Plug; Reversible Side Handle.

MODEL 4090 A powerful, rugged, high speed, industrial sander with all MAGNESIUM housings. Extra large ball bearings and hardened spiral bevel gears for smooth and quiet operation. Especially suited for welding shops, foundries, machine shops, paper mills, etc. Ideal for use with the new flexible edge grinding discs. Special heavy duty motor, cooled by highly efficient fan. Hand grip on gear housing for easier operation on flat grinding and sanding.

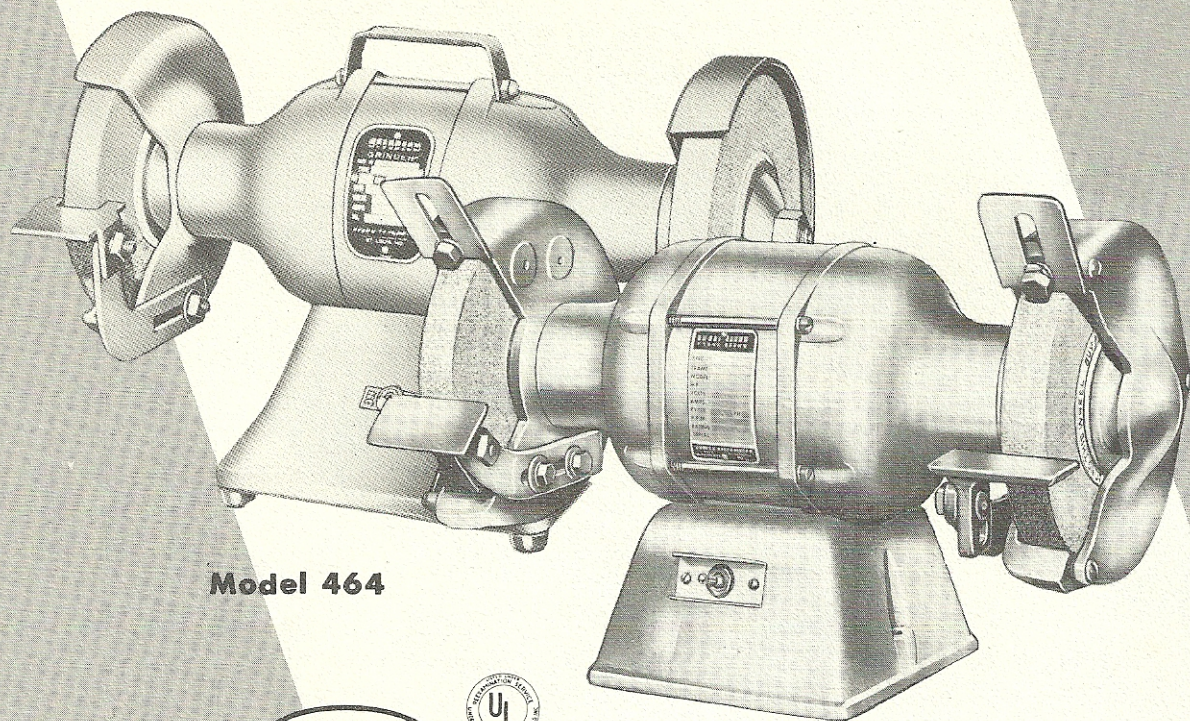
STANDARD EQUIPMENT: 7 inch or 9 inch, as specified, Patented, Heavy Duty Backing Pad; 10 foot 3 conductor Cable with plug; Removable vent for cleaning motor; Reversible side handle; Positive lock for changing discs.

PRINCIPAL SPECIFICATIONS

	4075	4090
Motor	Universal, AC-DC 110 or 220 Volts, up to 60 Cycles	
No Load Speed	5000 RPM	5300 RPM
Current Draw	10 Amps.	15 Amps.
Spindle	5/8-11 RH	5/8-11 RH
Overall Length, Not including pad	17"	19"
Net Weight	12 lbs.	14 lbs.
Shipping Weight	17 lbs.	20 lbs.



1/3 & 1/2 H.P. GRINDERS



Model 464



T. M.

Model 466

Models 464 & 466

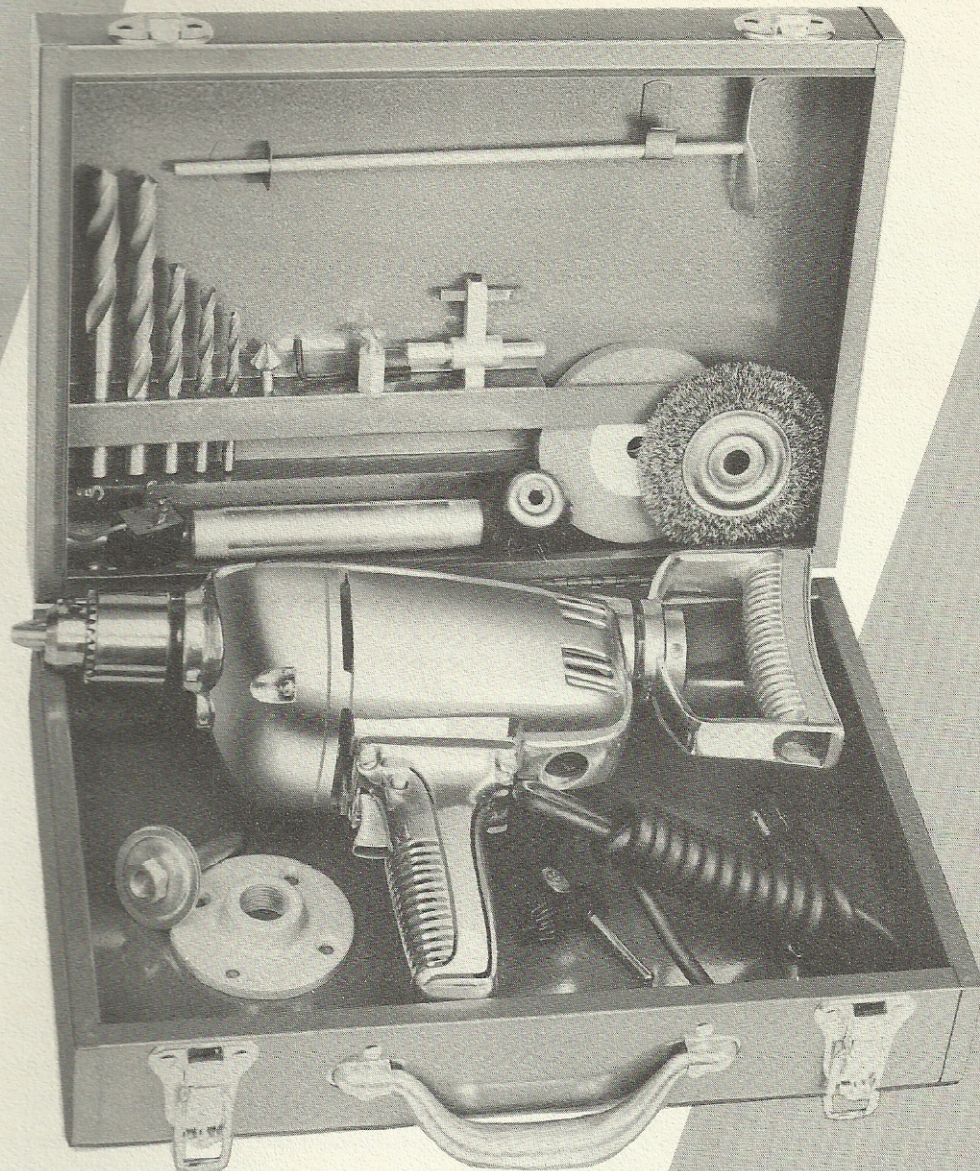
Ideal for automobile repair shops, machine shops, tool rooms, home and commercial workshops, factory production, etc.

Both grinders are powered by a single phase capacitor start, capacitor run motor. No commutator, brushes, centrifugal switch, or starting winding, to burn out or require replacement. Selected ball bearings throughout. Bearings are sealed to keep dirt out and lubricant in, require no lubrication for entire bearing life. Tool rests are adjustable to compensate for wheel wear and tilt for accurate tool grinding, etc. Extra wide clearance between the wheels and motor frame, and clearance around the wheels permits grinding of oddly shaped pieces. Grinding wheels extend beyond the motor frame to facilitate the grinding of long pieces. Both grinders are equipped with a convenient "on-off" toggle switch located on the base front. Both grinders come equipped with two grinding wheels (30 and 60 grit). Model No. 466 has a 9 1/2 ft. 3-wire (grounded wire) cord with 3-prong plug; Model No. 464 has a 9 ft. 2-wire cord with 2-prong plug.

PRINCIPAL SPECIFICATIONS

	MODEL 464	MODEL 466
RATING		
115 volt AC only		
Single Phase.....	1/3	1/2
Wheels.....	6"x3/4"x1/2"	7"x1"x5/8"
(30 and 60 grit)		
Clearance between		
Wheel Centers.....	13 1/4"	15 1/4"
Overall Length.....	16 1/8"	18 1/2"
Overall Height.....	9"	10 5/8"
Wheel Speed		
no-load.....	3450	3450
Net Weight.....	33 lbs.	65 lbs.
Shipping Weight.....	36 lbs.	75 lbs.

DRILL KIT 1/2" Electric Drill



Models K-804DK & K-825DK

The latest in compact, balanced streamline design is embodied in these 1/2-in. capacity Portable Electric Drills with the newly featured adjustable, 4-Position, rear handle. The K-825-DK Drill Kit features the 825 1/2-in. drill with all Ball and Needle bearing construction. The K-804-DK has a combination Ball and Bronze bearing constructed 1/2-in. drill. These drills are of a speed and torque requirement to qualify as Standard for industrial service.

The carrying case is of heavy-gauge steel, with full-length, piano-type cover hinge, two lever-type latches, and comfortable metal handle and is finished in a beautiful gray hammerloid. A rack attached to the cover holds the twist

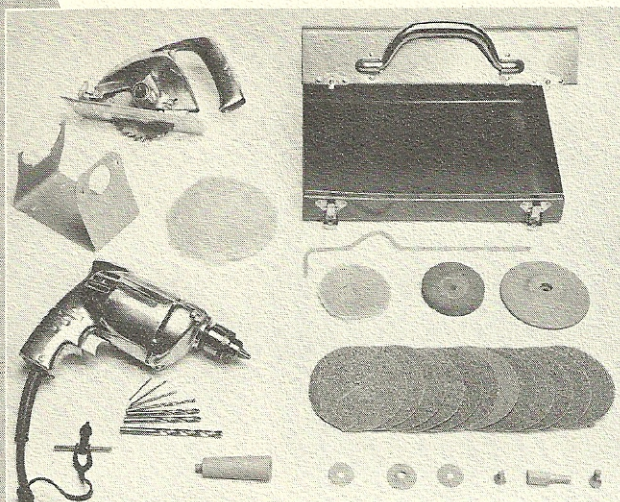
drills, countersink and other attachments. There is ample room for other small tools.

CONTENTS:

21 Piece Kit includes: Model 804 or 825 1/2-in. drill with removable auxiliary handle and gear-type chuck; six piece adapter set; wire wheel brush; wire cup brush; 4" dia. grinding wheel; propeller-type paint mixer; five carbon twist drills; 1/4", 5/16", 3/8", 1/2", 5/8"; countersink bit for holes up to 3/4" to 5"; threaded flange for mounting drill horizontally on bench and Allen wrench. Weight is 23 lbs.

Package: Individually; Master shipping carton, 4 units.

DRILL KITS - 1/4" Electric Drill

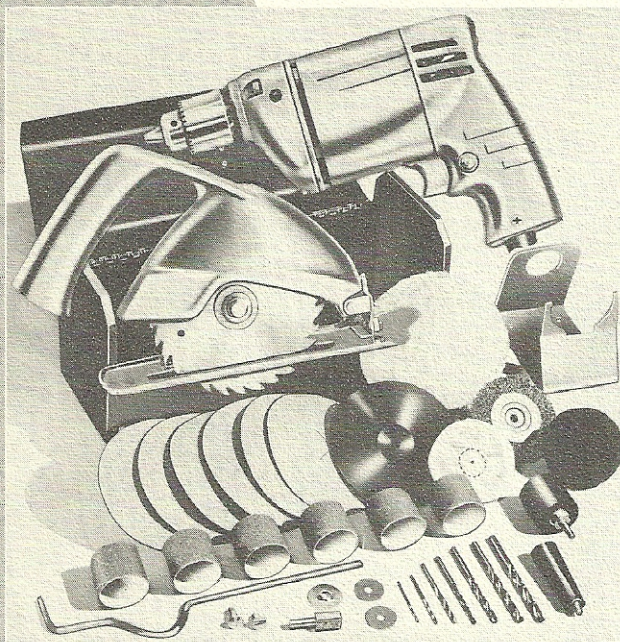


K-1440-11 KIT

35 Piece Kit Includes: Model 1440G 1/4-in. drill with gear-type chuck and Drill-Saw attachment both with a mirror finish. Auxiliary side handle; seven piece Hi-Speed drill bit set (1/16" to 1/4"); horizontal drill stand; 37/8" dia. molded rubber pad; twelve 4" dia. sanding discs in assorted grits; 4 1/2" dia. lamb's wool polishing bonnet; 2 3/4" dia. grinding wheel; 3" dia. buffing disc; paint mixer and a six piece adapter set.

The carrying case is of the flat type and made of heavy gauge steel with full length, piano-type cover hinge. Equipped with two lever type latches, a tubular type metal handle and a seven piece drill bit holder on cover. Beautifully finished in a green hammerloid.

Package: Individually, 9.8 lbs.; Master shipping, 4 units.

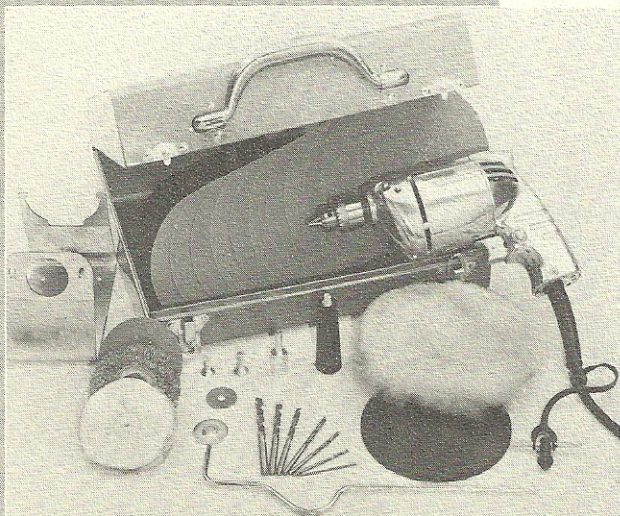


K-1440-GDK KIT

37 Piece Kit Includes: Powerful Model 1440G 1/4-in. capacity drill with gear-type chuck and removable auxiliary side handle; Drill-Saw attachment with 4" dia. blade; seven piece Hi-Speed drill bit set (1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4"); horizontal drill stand; 4 3/4" dia. molded rubber backing pad; six 5" dia. sanding discs in assorted grits; 5 1/2" dia. lamb's wool polishing bonnet; 2 3/4" dia. grinding wheel; 3" dia. wire wheel; 3" dia. buffing disc; paint mixer; one drum sander with six sanding sleeves and a six piece adapter set.

The carrying case is of hip-roof type, and is made of heavy-gauge steel with a full-length piano-type hinge. There are two lever type latches, a wire type handle and a nine piece bit holder. Box is finished in a beautiful green hammerloid.

Package: Individually packed, 12 lbs.; Master shipping carton, 6 units.



K-1440-GPK KIT

35 Piece Kit Includes: Model 1440G 1/4-in. drill with gear-type chuck and removable auxiliary side handle; seven piece Hi-Speed drill bit set (1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4"); horizontal drill stand; 4 3/4" dia. molded rubber pad; twelve 5" dia. sanding discs in assorted grits; 5 1/2" dia. lamb's wool polishing bonnet; 2 3/4" dia. grinding wheel; 3" dia. wire wheel; 3" dia. buffing disc; paint mixer and six piece adapter set.

The carrying case is of the flat type, and made of heavy gauge steel with full length piano-type cover hinge. Equipped with two lever type latches, a tubular type metal handle and a seven piece drill bit holder on cover. Beautifully finished in a green hammerloid.

Package: Individually, 9 lbs.; Master carton, 4 units.

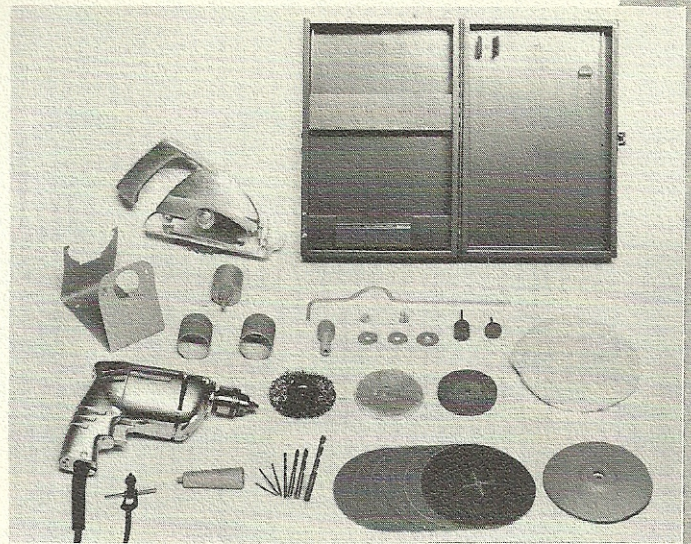
DRILL KITS 1/4" Electric Drill

K-1440-4 KIT

35 Piece Kit Includes: Model 1440G 1/4" drill with gear-type chuck; Drill-Saw attachment with 4" blade; removable auxiliary handle; seven piece carbon steel drill bit set (1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4"); horizontal drill stand; 4 3/4" dia. rubber pad; six 5" dia. sanding disc set; 5 1/2" dia. lamb's wool polishing bonnet; 2 7/8" dia. grinding wheel; 3" dia. wire wheel; 3" dia. buffing disc; paint mixer; two mounted abrasive wheels; one drum sander; two sanding sleeves; six piece adapter set.

Wall-type carrying case made of heavy-gauge steel with a full-length piano-type hinge. Wire type handle; one lever type latch; 7 piece drill bit holder; accessory rack; and holder for drill. Finished in green hammerloid.

Package: Individually, 9 lbs.; Master shipping, 6 units.

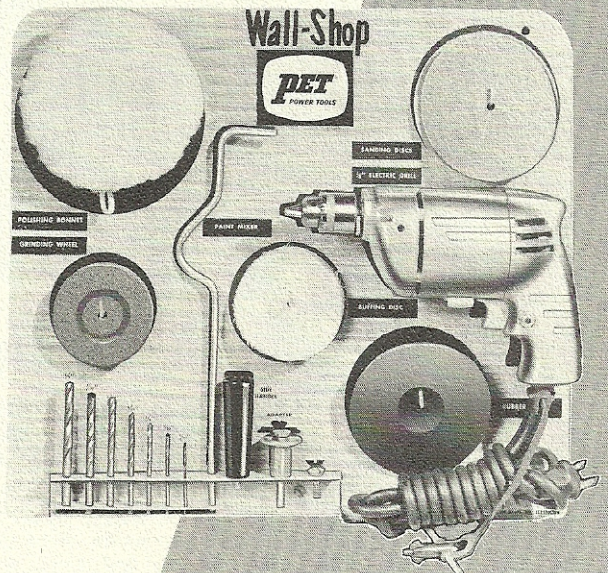


K-1440-3 KIT

34 Piece Kit Includes: Model 1440G 1/4" drill with gear-type chuck; removable auxiliary handle; horizontal drill stand; seven piece drill bit set (1/16" to 1/4"); 3 7/8" dia. rubber pad; twelve 4" dia. sanding discs in assorted grits; 4 1/4" dia. lamb's wool polishing bonnet; 3" dia. buffing disc; 2 3/4" dia. grinding wheel; paint mixer; six piece adapter set.

Kit features a 14"x16" Wall-Shop board with wood-grained finish and holder for drill bits, paint mixer, auxiliary handle and six piece adapter set. Drill and accessories are hung in easy reach on the panel board.

Package: Individually, 8 lbs.; Master carton, 6 units.



K-1540H-1 KIT

This lightweight sturdy Sander-Polisher has a balanced design which permits prolonged use without fatigue. Designed for polishing furniture, cars, floors, and the removing of paint and varnish, sanding wood, metal, plaster, cement, stone, etc. — on flat or curved surfaces.

16 Piece Kit Includes: Model 1540H-1 Sander-Polisher with removable side handle; precision hand-type chuck; 4 3/4" dia. rubber pad; 5 1/2" dia. lamb's wool polishing bonnet; six 5" dia. sanding discs in assorted grits; three piece adapter set; 7 oz. can of Johnson's Paste Wax; pint can of Johnson's "beautiflor" liquid wax. Comes in beautiful pictorial self display carton.

Package: Individually, 7 lbs.; Master carton, 6 units.



SERVICE INFORMATION

WARRANTY

This warranty contract goes along with every PET TOOL when it leaves the factory. While every tool does pass rigid inspections and tests during its manufacture, this warranty gives the purchaser of a PET portable electric tool further protection against defects in materials and workmanship.

PRICES

Orders can be accepted only at price in effect at the time of shipment. All PET portable electric tool prices are quoted f.o.b. factory. Where federal or state taxes apply, they will be added.

REPAIRS

The blade must accompany each saw returned for repairs. Inspection of the blade is the only way of determining cause of damage. When blade indicates no misuse we stand by our Warranty to correct any factory defects.

SERVICE

When returning a tool for service it is necessary to follow these important instructions: Pack complete tool (without metal box in case of kits) with lots of padding, in stiff carton. Tag the tool with owner's name and address, and shipment date. Address package to the factory, authorized service station, or branch. Attach a covering letter stating what is to be done. Prepay the shipping charges. **Dealers are not authorized to exchange tools.**

WARRANTY and SERVICE

Each PET TOOL has been completely inspected and tested on modern equipment before shipment. We agree however, to correct any defect in original factory materials or workmanship. Our responsibility under this warranty is limited to any part or parts of a complete tool* which has been returned to our factory or authorized service stations and which our examination discloses to have been originally defective. We decline responsibility for a tool which has been damaged or made inoperative as the result of misuse, accident, normal wear, or failure to operate and maintain the tool according to our Operating and Maintenance Instructions. We reserve the right to decline responsibility whenever we find that repairs have been made or attempted by others to the detriment of the tool. A reasonable charge for parts and labor will be made on all service work other than that covered by this warranty. No other warranty, expressed or implied, is authorized by us.

Our dealers are not authorized to exchange tools.

To secure service, the complete tool,* not just parts thereof, must be returned to our factory or to our authorized factory service stations or branches, transportation charges prepaid. Attach an identification tag to the tool giving name and address of owner and date of shipment. Tool should not be returned in metal kit box, but packed well in a stiff carton with padding to protect against shipping damage. Attach securely to the outside of the package a forwarding letter, with proper amount of postage, stating reason for return and any other service wanted.

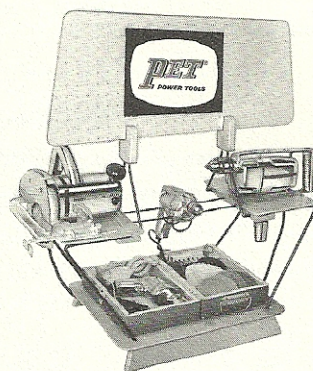
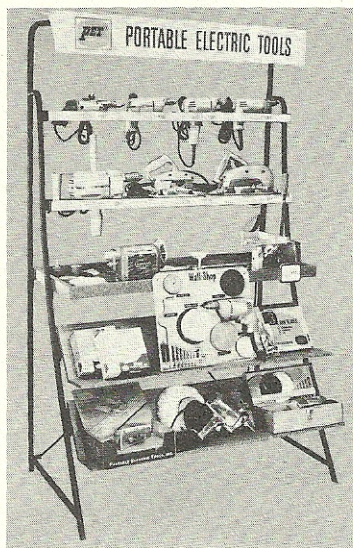
*For a saw, "complete tool" means with blade.

MERCHANDISING AIDS

PET has available two display fixtures which are adaptable to needs of the dealer whether he requires a floor type fixture or counter or window display. These two illustrations present the fixtures which are available for outright purchase or in combination tool deals.

This floor display fixture is strongly made of heavy gauge steel and tubing, with baked enamel finish and chrome price strips. The sign is illuminated and there is also an outlet plug on the top rack for tool demonstration. The measurements of the fixture are approximately 6 feet long, 42 inches wide and 24 inches deep.

A Full View of tools from any position with this NEW island type, window or counter, display unit that is sturdily built, and shows a complete line of tools. A large panel to show accessories has PET logo for identification. Customers can easily examine the tools. The cords blend away into the design of the stand and the ends of the cords can be fastened under the base. Assembled dimensions: 32 1/2" high, 15 1/2" wide and 19 1/2" long.



ADVERTISING AIDS

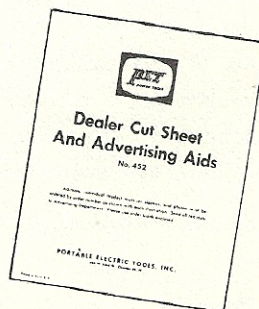
Product ad mats are available, no charge, on all PET tools. You can order by merely addressing your request to: Sales Promotion Dept., PET, 320 West 83rd Street, Chicago 20, Illinois.

Illustrated here is our dealer aids folder, which describes and illustrates other material available to PET distributors and dealers.

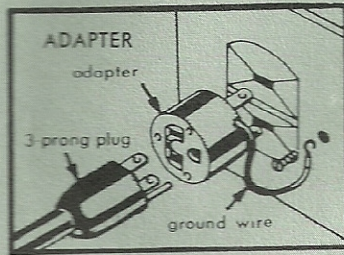
Accordion folders illustrating the PET line are also available for PET customers and for store distribution.

PET is advertised nationally in leading trade publications in the hardware, electrical and building field, as well as in national consumer magazines. Reprints of these advertisements are available for promotional purposes, at no charge.

If you require additional information on any of the above items, address your inquiry to Sales Promotion Dept., PET, 320 West 83rd Street, Chicago 20, Illinois.

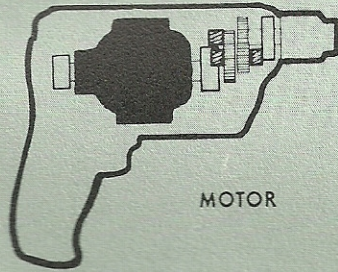


INSIDE FACTS OF P.E.T. POWER TOOLS



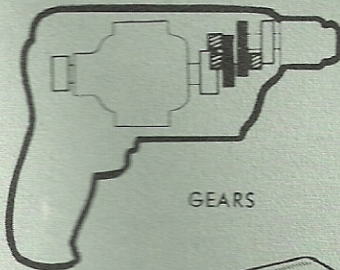
In compliance with National Electrical Code Pet tools are equipped with U/L approved 3-wire conductor cord and plugs. Ground wire must be connected to a positive ground for full protection to the operator.

Pet tools are equipped with instant-release, trigger type switches of both single and double pole type. Trigger locks are included on drills of 1/4-in. and 1/2-in. capacity. The wide safety margin gives longer life.



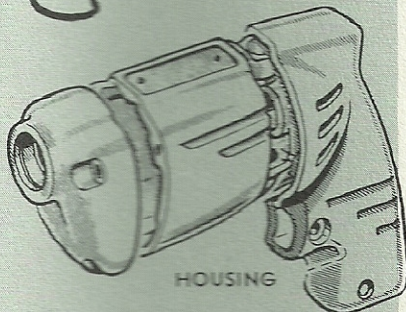
The latest precision equipment is used to insure perfect, vibration-free motors for long life. Automatic armature winders, electronic dynamic balancers and other precision equipment keep PET made motors at top quality.

Oil retaining bronze alloy; Multi-Ball and Needle Bearings give support and reduce friction to a minimum. Bronze alloy is a very heavy duty type bearing. Ball and Needle bearings provide smoothest transmission of power.



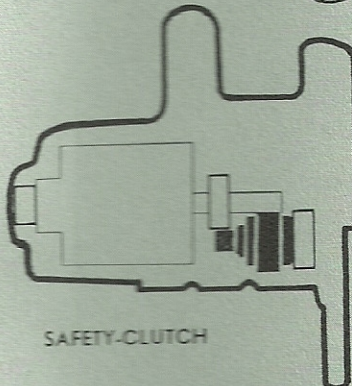
Precision cut gears from stressproof alloy steel of the helical or spur type. Great tooth strength and maximum contact area gives quiet operation and long service life.

Pet drills are equipped with precision made 3-jaw, gear-type chucks with key. Drill bits and accessories are easily and quickly secured by means of this precision type chuck. Hand type chucks are also available on some models.



All housings are made in our own Die Casting Plant where close tolerances are maintained for the accurate and proper location of the important motor parts and gears. The high tensile aluminum gives a durable, lightweight housing.

Pistol-type grip is ideal for close quarter drilling; Saw-type handle places angle of force directly behind the bit and is preferred when space is no consideration. The Center-of-Balance side handle is perfect for light duty work.



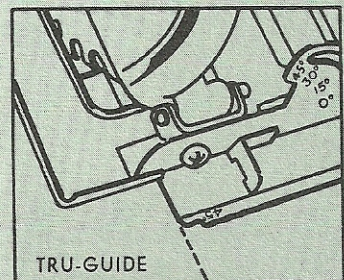
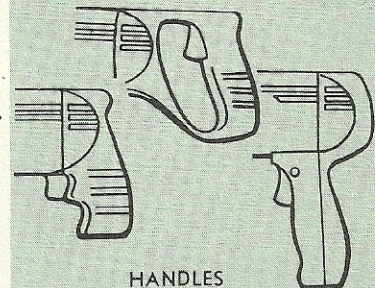
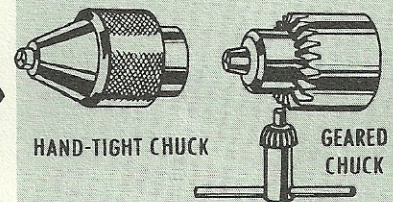
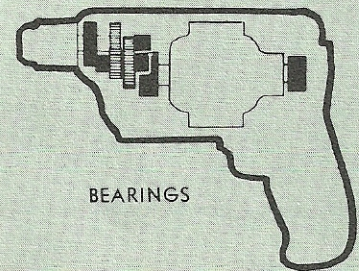
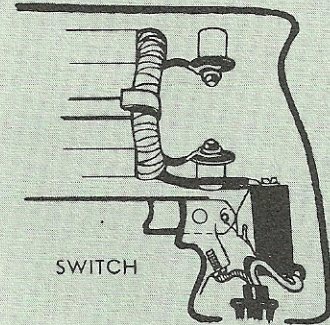
This automatic safety device virtually eliminates motor burn-out and prevents possibility of "kick-back." If operator forces, pinches or binds the blade the Clutch allows the blade to stop rotating, but permits the motor to idle, preventing damage to your saw.

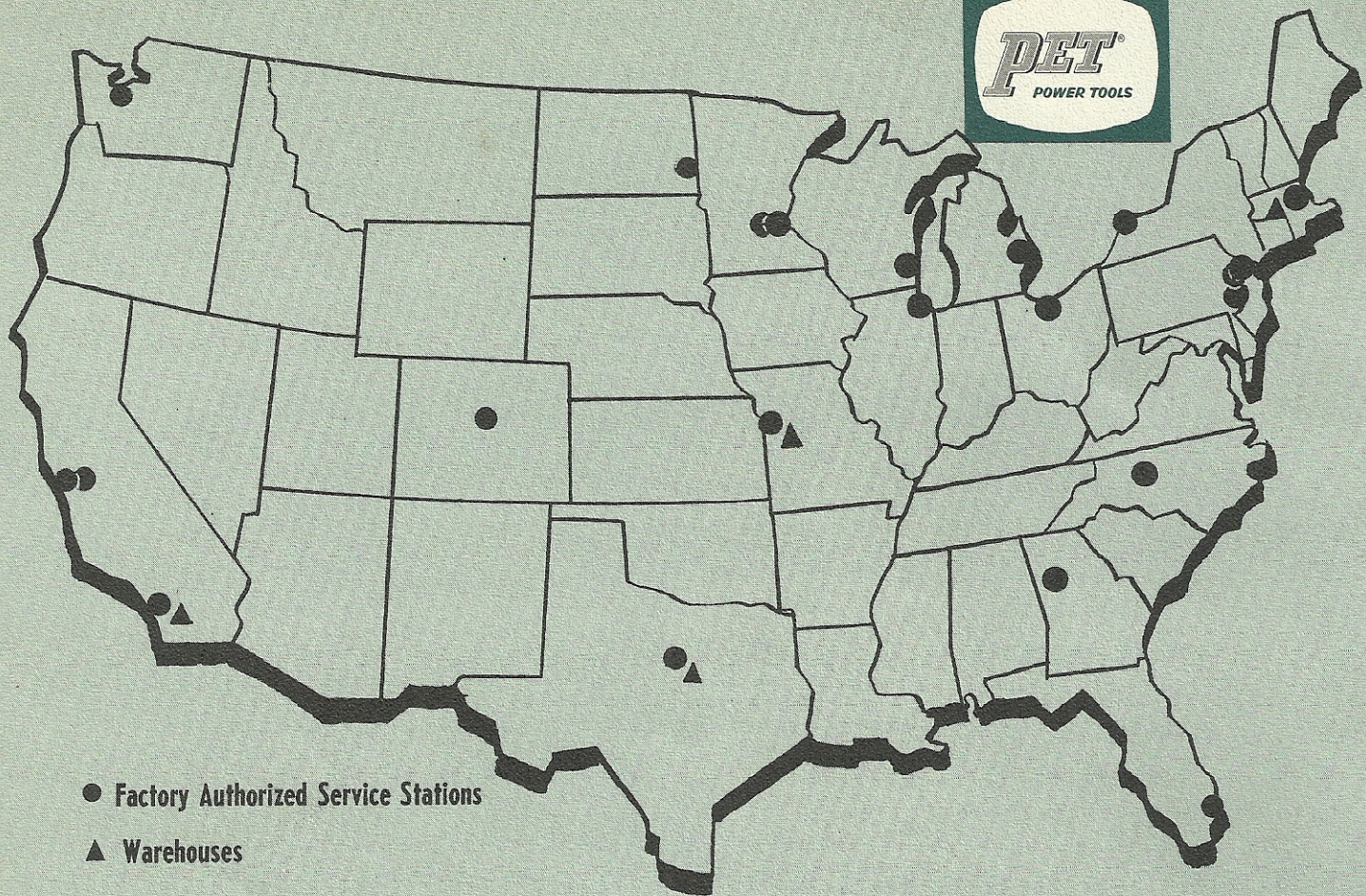
Precision alignment of the saw shoe, and the adjustable guide line and bevel index, with the saw blade insures precision cutting and enables the operator to do accurate cut-off work and ripping.

Each tool is subjected to 20 to 25 separate tests to insure perfection of workmanship, quality of parts and to insure our customers that each tool is ready for the job. This is our added guarantee that you are using a superior quality tool.

**JOB
TESTED**

T. M.





● Factory Authorized Service Stations

▲ Warehouses

Factory Authorized Service Stations

CALIFORNIA

Los Angeles 46
Oakland
San Francisco
San Francisco

COLORADO

Denver 4

FLORIDA

Miami 37

GEORGIA

Atlanta 13

ILLINOIS

Chicago 20

MASSACHUSETTS

Boston 15

MICHIGAN

Detroit 5

MINNESOTA

Minneapolis 3
Saint Paul

MISSOURI

Kansas City

NEW JERSEY

Newark

NEW YORK

Buffalo 9
Hicksville, Long Island
Jamaica, Long Island
New York City

NORTH CAROLINA

Charlotte

NORTH DAKOTA

Fargo

OHIO

Cleveland

PENNSYLVANIA

Philadelphia
Philadelphia

TEXAS

Dallas 19

WASHINGTON

Tacoma

WISCONSIN

Milwaukee 5

Pacific Saw & Supply Company, 8688 Melrose Avenue
Electrical Appliance Service Co., 4238 Broadway
Electrical Appliance Service Co., 1434 Howard Street
Electrical Appliance Service Co., 920 Natoma Street

Midwest Electric Service Company, 1124 Santa Fe Drive

David Electric Company, 525 S. W. 29th Street

Tool Service Company, 225 Simpson N. W.

Portable Electric Tools, Inc., 340 West 83rd Street

Service Sales Corporation, 5254 Brookline Avenue

All-Phase Electric Company, 11560 East McNichols Road

General Parts and Supply Company, 64-66 Glenwood Avenue

General Parts and Supply Company, 1619 University Avenue

Heath Electric Service, 518-20 East 16th Street

Electra-Craft Appliance Company, 270 Halsey Street

Shields Brothers, 1410 Main Street

Electra-Craft Appliance Company, 248 Old Country Road

Electra-Craft Appliance Company, 92-22 160th Street

Electra-Craft Appliance Company, 348 West 42nd Street

Authorized Appliance Repair Center, 513 Central Avenue

General Parts and Supply Company, 806 Front Street

Electric Sweeper Service Company, 2034 Euclid Avenue

The Arnold Company, 1427 Vine Street

The Arnold Company, 223 South 11th Street

Beckman Tool Rental & Supply Co., 4234 Harry Hines Blvd. at Douglas

Center Electric Engineering Corporation, 1501 Center Street

C. W. Schneck Company, 1331-33 North 12th Street

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FRACTIONAL HP MOTORS • ELECTRIC DRILLS • POLISHERS • SANDERS • SPIN-A-BRUSH • PORTABLE SAWS